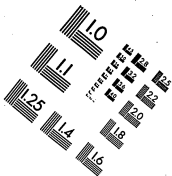
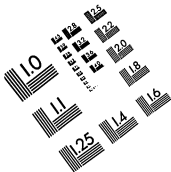




Association for  
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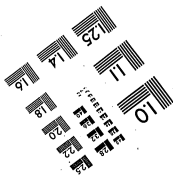
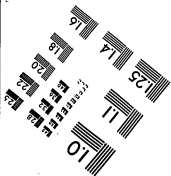
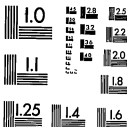
MS303-1980



Centimeter



Inches



# Thomas A Edison Papers

A SELECTIVE MICROFILM EDITION

PART II  
(1879-1886)

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1987

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at  
**Rutgers, The State University**  
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18 June 1981

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**START**

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THOMAS A. EDISON PAPERS  
A SELECTIVE MICROFILM EDITION  
PART II  
(1879-1886)

REEL 50

DOCUMENT FILE SERIES (DOC-10)

D-79-019 through D-79-028  
("Electric Light - General" through "Mining - Platinum Search")

**1879. Electric Light - General (D-79-019)**

This folder contains correspondence and other documents relating to the commercial introduction of the electric light and to technical aspects of electric lighting and power, such as the design of lamps and generators and the materials to be used as filaments. Included also are a series of letters to sewing machine manufacturers, requesting machines to be used in developing an electric motor, and correspondence regarding the installation of electric lights on the Jeannette, a ship being outfitted for an arctic expedition. Correspondence and other documents pertaining to Edison's search for a supply of platinum to be used in his lamp can be found in D-79-028 (Mining - Platinum Search).

All the documents have been filmed.

Riggs House Washington D.C.  
January 2<sup>nd</sup> 1879

Professor Edison

Dear Sir

You will remember my letter relating to a best engine calculator to work any Magneto electric machine with great economy. You repeated asking if I had any such engine working. The delay in answering this has arisen from my continuing experiments and inquiries which enable me to declare that I am prepared to design motor power for any generator or pump of generators so that the cost will be or can be deprived of running the engines by ice makers - Other uses may be found for the cold generated so as to yield a good return - So important is this matter in relation to the general use of Magneto electric machines that I would much like to see you if you are to be in Washington, or if you have any reliable physicist and engineer here whom I can see I shall be happy to confer with further explanations -

The 90 percent waste of fuel with a steamed

Engine is a serious item and about 70 per cent  
of this I can most positively save - The engine  
unless possibly be driven by burning gas so that  
in the long run the Gas Companies may benefit  
largely by the electric light owing to the introduction  
of heating gas as a substitute for fuel such as  
coal. - I would not trouble you and I will think  
this matter of great importance and I desire  
to have an opportunity of building and thoroughly  
testing a machine - Captain Dutton of the Rocky  
Mountain Survey and others have gone over my  
calculations and seen models and if I had  
an opportunity of explaining my project to you  
I am certain you would recognize its merits -  
Does not the Gramme Patent cover most of the  
recent dynamo electric machines patented?

I remain, Sir,

Yours faithfully,

John Langley

ms. 71-9  
7/10/76

200 5/11/76

Worcester Jan 3/79

Mr Edison

I saw Sir your note of  
Dec 30th is before me in reply  
I must say that I don't like to  
work Platinum alloyed with Iridium  
and in fact I don't think it  
would be enough in the proportions  
you mention. I have a 3 sp of  
no 28 platinum wire which I  
would sell if that would answer  
your purpose

Respectfully Yours

A. C. Hoff



January 12 1879

Mr J. A. Edison

Muscle Park, New Jersey U.S.

Dear Sir,

In answer to your favor of the 18<sup>th</sup> ult. we have the pleasure of quoting you 3/6 per 1000 at our charge for preparing and remaking scrap platinum into the ordinary sizes of plate, sheet or wire.

We have just delivered for Mr J. D. Morgan by the final return of your order dated November 5<sup>th</sup> 1878, so far as we are enabled to execute it. — We find it impossible as yet to succeed in drawing into fine wire, or reducing to such fine sheet as you require, alloys of platinum containing in weight or percentage of iridium as 30% and 40%, — neither have we succeeded in making the 90% and 20% sheet of .001 degree of thickness, nor the wire .0003, of equal proportions of iridium and platinum and of osmium-iridium.

With the above exceptions, we have sent forward your requirements, and we hope they have been satisfactory to you. —  
Wishing you every success in your researches.

Yours,

Dear Sir,  
Very faithfully

James C. Allen



Western Union Telegraph Company.  
President's Office.

New York, Jan'y 4, 1879.

Prof. Tho. A. Edison -

Dear Sir,

Mr. B. B. Radcliffe,

the inventor of the Iron Pole, is very desirous to talk with you on the advantages of his pole for bearing heavy wires for conducting electric lights, as against the proposed plan of putting them underground.

Mr. Radcliffe is a clear headed well informed man; and thinks he can demonstrate to you that his plan of air conductors on iron poles is at least one third cheaper, even for your very heavy conductors, than the underground plan.

Will you see him, and when and where.

Truly Yours  
Norriss Green

send complete  
proof as possible

MEMORANDUM.

New York Jan 16 1879

Thos A Edison Esq  
Munlo Park N.J.  
Dear Sir

FROM

The Buckeye Engine Company,

EXPERTS IN STEAM ENGINEING,

EASTERN AGENCY,

Exclusively for the Sale of the Buckeye Automatic Cut-off Engines, East of the  
Meridian of Washington, D. C.

Room 42, Coal and Iron Exchange,

501, CORNHILL AND CHURCH STS.

Wm LEE CHURCH, Managers.

NEW YORK.

We are greatly pleased to submit plans  
for your proposed plant of 1250 P. We shall offer  
two plans; one for 4 cylinder engines, + one for  
pairs of engines of equal capacity; - all to go in a  
space 30' x 100' + have an office 10' x 30'

Accept our sympathies for your total annihilation  
in the sale + details by Henry A. Mott Ph. D. (ought  
to be "D. D." otherwise "D-d Phool")

Yrs Respy Buckeye Engine Co  
Per Wm Lee Church

Worcester Jan 8<sup>th</sup> 1879

Mr Edison

Dear Sir: I have just  
been looking over your note of Dec 20<sup>th</sup>  
and have come to the conclusion that I  
made a mistake in your figures in  
regard to the proportions of Platinum & Iridium  
I sell at 10/100 Iridium and from what  
I have done in that line it does seem  
possible that it can be brought into wire  
containing so large a proportion of Iridium

Respectfully Yours  
A. G. 1879

20 per cent Iridium  
80 per cent Pt  
Iridium dissolved  
from Pt & Co  
Lead is  
what is wanted  
is a good  
manufacture  
of wire

MEMORANDUM.

With

**JOHNSON & SONS'**

Compliments

25, Cross Street, Kingham,

(Late of Basinghall Street)

LONDON, E.C.

Jan'y 22<sup>nd</sup> 1879

To Mr. J. O. Gallean

Warwick Park

Your kind and the assured marks list of Iridium such as you describe, nor have we any in the form of leaflets. The only form we produce it in, is an enclosed sample which is really pure Iridium suitable any admixture whatever if it will answer your requirements. We shall be pleased to supply you @ 70% of roy. Nett Costs

J. O. W.

3<sup>ms</sup>

Prof Geo F Bunker  
Phila Pa

July 22 77

Where can I borrow a  
Sprengel pump

T A Edison

757  
3457m  
9 ma

4

Jan. 22 77

Prof Henry Morton  
Hoboken N J

Have you a Sprengel pump  
I could borrow a few  
days. Pls reply my expense

11257  
3467m  
9 ma

<sup>2</sup>  
Hoboken N.J. 22<sup>d</sup> Jan<sup>r</sup> 79  
J. A. Edison ms 4557m

We have only the original  
form no better than a good  
Valve pump. Prof. A. W. Wright  
of New Haven has a good one  
H. Morton

2307

mao,

Office of  
Union Fire Alarm Telegraph Co.,

126 Fulton Street (Second Floor).

A. TENNEY, President.  
C. H. POND, Manager.

New York, <sup>to</sup> ~~Jan~~ ~~30~~ ~~1879~~

L. A. Edison Esq  
Minds Park N.Y.

I have for  
you the  
information  
I have

Dear Al

The enclosed letter  
is from a young man who  
endeavored to see you personally  
& failed. I observed his disappointment  
& promised to enclose his ideas  
to you if he could put them  
on paper - he has done so  
& I now have to do as agreed  
Kindly peruse his letter & if you  
can find any ideas that are new  
& of any value please acknowledge  
& give him an opportunity to see  
you in person. when convenient  
address him at the General Office

[ENCLOSURE]

Referred to Upton  
to see what he has  
+ for an answer  
Please send to me  
E

56 West 4th St. N. Y.  
Jan 29 1879

J. A. Edison Esq

Dear Sir

I take the liberty  
of addressing you now at the sug-  
gestion of your secretary after an  
in effectual attempt at seeing  
you yesterday, and through the  
courtesy of Mr. Mackenzie I  
submit the following.

We find that there are generators  
which by magnetizing & demag-  
netizing a soft iron core cause  
magnetic currents in the core -  
which latter in turn induce  
the currents in the wire wound  
round it. I thought of dispen-  
sing with the soft iron core entirely  
& having the magnet or electro-



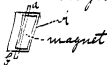
magnet directly induce the currents in the surrounding coil

Taking simply a coil of insulated wire  $A$  which has no core, place within it longitudinally, a bar magnet or electro-magnet, so that the north points to one end and to south to the other end of the enclosing coil. This magnet to be on an axis that is the longitudinal centre line of the coil & is near one edge of the magnet



$a-b$  = axis + which

coincides with line passing through centre of coil & direction of coil axis & magnet would then have the appearance of the (at sketch) & a longitudinal section thus



In practice it would be preferable to have the magnet cylindrical and axis placed in the centre line of the coil as before, but not in that of the magnet.  $\odot$  magnet

As the magnet is rotated on its axis its portion nearest to the enclosing coil changes its position continually so as to be adjacent to every part of the coil successively and the magnetic currents by induction develop the current in the coil. There is a continual change of magnetic intensity without change of polarity.

There is another case I should like to speak of. I have found nothing treating of the effect of rotating a cylindrical bar magnet would have on an enclosing coil the longitudinal line of the two co-

inciding - the experiment continued till power required in present machines for production of strong current absorbed.

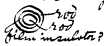
In these two cases the coil extending beyond the magnet at each end, so that the greatest utilization of the magnet occurs?

As a third case having a cylindrical core of soft iron - the wire wound transversely, and a magnet rotating within on an axis not in the centre line just as in the first case

Here there would be a pole of the opposite nature induced in the part of the core adjacent to each end of rotating magnet

There is a form of electric couple that occurred to me - a hollow cylindrical rod for one conductor

and the other to be solid cylinder of less diameter than internal diameter of 1st, which encloses 2<sup>nd</sup>. Taking the outer one as the positive the current goes along the surface until at the end then finds the other rod with a slight film of air or non conductor separating from outer one - the circuit completed and the appearance of the light in the arc and circular form



When the outer rod is the positive do not know as an insulator would be required between the rods - think probably film of something would be necessary if the inner rod is the positive. The idea in the above is to take advantage of fact of current

being at surface of conductor—  
form may be varied not necessarily  
Cylindrical

Probably it would be preferable to  
have a slit down through the length  
of the outer rod, so that the connection  
(insulated from the faces of the slit)  
with the inner rod may be near  
the light thus having as little  
resistance as possible except what  
is necessary for production of light  
The two rods would have to be advanced  
together as consumed & perhaps by  
water, sand, shot or similar mechan-  
ical appliance pressing them  
forward at a determined rate  
There is another detail in the adjust-  
ments to avoid friction by the advancing  
rods with the connections

I have no cash at disposal to make  
these tests and shall be compelled  
to take anything for an accupation

L67

that gives me support, should  
these speculations prove false  
hoping that my circumstances  
and intentions may modify any  
tendency to judgment against  
me. I trust I may be per-  
mitted to speak more in detail  
I am Respectfully Yours  
J. H. Ladd

56 West 4th St New York  
Feb 6th 1879

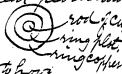
J. A. Edison Esq

Dear Sir

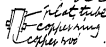
I examined the account of Wundermann's Electric Glow pipe and failed to see any resemblance to form of candle I suggested. He uses a carbon tube to have a blast of air pass between two carbon points that are in the circuit for the light. I proposed a tube for one conductor, separated from the other one which is a rod within the tube. The circuit is completed at the end by the passage of the arc, because the outer surfaces of the two conductors are nearest there.

Perhaps I can make it clearer

by using another form of the same idea: Take a platinum (or steel?) ring and have it fit on to one end of a rod of copper, have a ring of copper that fits round and encloses the platinum ring connecting this outer ring with positive & the rod with negative or the reverse. We have a luminous circle of incandescent platinum or whatever used



Another one would be to have rod of copper then small tube of platinum surrounding it and ring of copper encircling portion of latter that is towards the connections (away from end to be luminous) thus



Perhaps an insulator would be necessary between inner connection

so that the passage of current will occur at the outer end & through the length of platinum tube - Prefer the ring form to the last.

I was very much disappointed into the generator suggestions were worthless and write now to put the candle off as in the night light! still there may not be much in it -

How would it do to have one electrode of copper gradually enlarged into a peak shape (as that there are no abrupt lines) and have a small carbon rod in contact, by its own weight or otherwise thus <sup>Copper</sup> think it would be more efficient even than Werdemann's (Sci Am Sup No 157 pag 249) Would it infringe on his? Should think not as with his electrodes

NY Feb 6 74  
Westport  
and Feb 7 74

are of same material whereas this  
would be copper carbon

Respectfully yours  
Chas. H. Ladd

See English Patents  
for 1876 Dec. 12 No 4805.

Your last suggestion has  
been tried by me.

Dunajac Wick Feb 26 / 74

Mr T A Edison

Sir

calling the Electric  
light 100 what percentage would  
the drummond light be.

Very Respectfully  
H K Beckwith

~~about~~

you can make an electric  
light of 1 or 50,000  
Candle same with  
a Drummond its  
a question of economy only



July 7 1879

Mr J. A. Edison

Wool's Park New Jersey

Dear Sir

We are gratified to receive your letter and to hear your report upon our India Platinum Wires - we have been prosecuting our experiments in drawing these alloys, and have the pleasure to send you by same post a specimen containing 30% Indium and we shall hope to send up to 20% up to 50%. but the cost of labour and destruction of tests will be enormous.

We shall be glad to hear your report upon this small sample.

In answer to your inquiry, we shall be quite prepared when you wish us to do, to contract for any ordinary commercial quantities upon terms which we would calculate as clearly as possible.

We presume that your British patents have been registered for and taken up. - Owing to a disagreeable correspondence it might have suited us interested as we are in the Electric light to make it here for joint account with possibly much better

(over)



mutual results than could be attained by any large public company

Yours truly  
Wm. Brewster  
J. H. Mendenhall

London Feb 1. 19  
J. H. Mendenhall  
Received Feb 3. 19  
see letter book

East-Strawking, Pa  
February 26<sup>th</sup> 1879

Prof. Edison  
Dear Sir

I am the inventor  
and patented of a sectional  
Circuit Iron Telegraph Pole.  
I have strong letters from  
Prof. Morse Referring to  
the Boston Union Co. recommending  
it to them as the best pole of the  
kind available in this country or  
Europe. I have a brass model  
and all necessary papers drawn  
in the name of Geo. B. Prescott  
Electrician of the Western Union  
Co. in his Office in N.Y. If you  
would like to see it - you can  
Call on Prescott and he will

When it is to you, My Subject  
in Writing, you is to get you  
if you think favorable to  
attach one of your electric  
lamps to each pole in  
cities and a rod of wire  
the Common gas pipe.  
I am of the opinion that the  
people would be in favour of  
an artistic design pole  
with one of your lights attached.  
The that I know of is one  
that is in the way is the expense  
of laying of pipes to put  
the wires in. And I am of  
the opinion that the great  
expense of putting down and  
keeping in order that the  
plan in time will be abandoned.  
I should be glad to have you  
investigate this matter and  
if any thing can be done

by introducing it and  
getting a dispensation from  
the police with the lamp  
and electric light attachment.  
I will give you the greatest  
share of all profits.  
I am a jobber in New  
York on a firm near  
Canal Street, my annual  
sales amounting to  
a sum of twenty thousand  
for one floor would make  
me comfortable. The pole  
for cities is set in Mason  
work same as the electric pole  
being an of with the cable  
shell at the bottom. Please  
call on Mr. Rescott when you  
are in New York and have  
time on a winter one your  
opinion &c. My connections  
of the iron pole slip joints

East Stoneburg Mo Feb 16 74  
R D McDonald  
Care m. ch 3 74

are said to be by the best  
of our doctors as when you  
the straggle by they can  
be put to rest. As you  
will see by the model in  
I would like to hear  
from you, and I would  
be pleased to see you at  
any hour and make us a  
visit -

Yours Respectfully  
R. D. McDonald.

R. McDonald  
no reply

East Strickland, Pa.  
March 7th 1879

J. A. Edison, Eng  
Dear Sir

Yours of March 3<sup>d</sup>  
came duly to hand, I have  
written to the Edison Electric Light  
Co at Broad St. N.Y. in relation  
to my iron file pole. Your  
business will call you to N.Y.  
often and I have no doubt  
your file will call in this company  
and if you will take the  
trouble to first examine my  
papers and model at Mr  
Geo B. Parsons office at the  
New York Iron File office and  
see if it fits in your plan  
I will be glad to see you  
I am your good friend  
R. McDonald

to connect the lamp with  
and then recommend I to them  
and get them to purchase  
the fixture at a fair rate  
I will be willing to give you  
a large portion of the  
sale. I want a lot of  
ideas and opinions on the  
laying down the 70 lines  
under ground if in your  
mind it will be a success  
or not. - Please me  
before you so much

Yours Respectfully  
R. M. Donald

Haldsburg -

Sonoma, Cal.

March 11<sup>th</sup> 79.

Prof. Edison.

Menlo Park -

Sir, Is it possible to  
make a portable Electric Light

Could it be made by employing  
an Electro-Magnet, utilizing the  
discoveries of Miss Hosmer + others.

Connecting the magnet with a  
coil of wire placed inside of the  
body of the lamp, and passing the  
two ends through the tubes, termina-  
ting in the usual way; connecting  
them by a wire of charcoal or other  
-wire, as is now done - The Electricity  
being turned on or off by a screw.

Hoping you may succeed in  
your researches, I remain, My Truly

P.O. box #2.

T.C. Smith

(Hosmer's engine is not a success it will require to be by the engine itself)

Even if the result  
should give a light no  
stronger than that of a  
modern Gas Oil lamp - it  
would be safer + preferable  
to the dangerous Coal Oil.

W. S. H. 22/2  
The  
H. S. H. 22/2



Stigmund Schücker  
FABRIK  
Dynamo-elektrischer Maschinen.

Nürnberg, den 19. März 1889.

Mr. Thos. A. Edison,

Newark Park, N.J.

Dear Sir!

Your favor of 4th inst. was duly rec'd and I sent one of my catalogues with to days mail to your address, remarking that in about a month I am bringing out another improved model of my machines for electric light; which will be smaller and cheaper.

I follow with great interest the communications of your engineering inventians, peculiarly since I was working into your shop at Newark N.J. in 1877 about one year. Perhaps you remember that little fellow, who met you once in the street of London in Spring of 1879, when I went to Vienna. Since nearly five years I am manufacturing dynamo-elect. machines exclusively - and have - I dare say a well understanding in this matter. Therefore if you ever wish one of your inventians (especially concerning electric

lightly to have carried out in Germany  
I offer my services and you may trust  
in a good representation.

Nürnberg is in the centre of Germany  
a place of high reputation.

Hoping for the favor of your reply  
I remain with the greatest regard

Yours very truly  
S. Schubert

LABORATORY  
OF THE  
ELECTRO-DYNAMIC LIGHT CO.  
INCORPORATED

~~Confidential~~

New York, Mar. 22, 1879.

Dear Sir:

Can you meet me in New York on Monday evening or Tuesday next for a confidential interview in reference to matters in which we are both interested?

If you can, as I have done, set aside any hard feelings that may have existed in the past, I should like very much to meet you and I know it will be to our mutual advantage.

The interview to be at the Astor House and strictly private and confidential.

A telegram signed  
"M" and addressed to "Wm.  
H. Church, 94 Walker Street,  
New York," saying "Will meet  
as desired at [hour and day],"  
will insure my presence.

If you do not desire  
the interview, please do not  
telegraph.

Truly yours,  
W. E. Sawyer.

W. E. Sawyer  
Chicago  
New York

Washington City No 1420 N. St. March 26, 1879

Dear Sir I have observed that the  
Charcoal points or pencils used by you  
are rapidly consumed. A pencil  
made of the earth *argyria* seems  
to be incombustible, and its con-  
ductance exceeds that of lime under  
the compound blow pipe. Platinum  
though highly incombustible, melts at a  
high heat. It strikes me that possibly  
a pencil made of the earth *argyria*  
might answer your purpose and be  
durable at the same time. This  
earth is obtained from the ore  
*mineral argyria*. I have several  
pounded pounds of it, and contrast the

Locality where it can be obtained  
Supposing that this information  
may possibly be of interest to you I  
write this note. If you reply to it  
address as above; "Gen. T. L. Clingman"  
as I expect to be here for some days

Yours truly,

T. L. Clingman

Ex. U. S. Senator

Thos. A. Eldridge

Windsor, N.C.  
March 26, 74

Gen. Clingman

March 27, 74

ESTABLISHED 1820.

Condit, Hanson & Van Winkle.

Superior Manufacturers of Electrodes in

Acids, Dye Stuffs, Chemicals, etc.

Manufacturers of Nickel & Electro Plate Material.

236 Market Street, cor. Mulberry.

WESTON DYNAMO ELECTRIC MACHINE

Newark, N. J. April 2<sup>d</sup> 1879

Mr. A. Edison

Menlo Park N. J.

Dear Sir,

Your order for  
Chemicals we will send tomorrow  
by Express. We write to ask whether  
the "Ox Perium" is oxide Perium, white  
paste 2<sup>00</sup> per oz or Oxalate Perium  
price 2<sup>00</sup> per lb; and if the former  
do you want a lb? Metallic Cadmium  
is very scarce at present and will  
cost 4<sup>00</sup> per lb, if we can get as  
much as your order, viz, 12 lbs.

Anticipating your reply, which you had  
better come if in hurry, we remain

Yours truly

Condit, Hanson & Van Winkle  
(Hard)

OTW

Credit + Hanson  
Newark NJ

200-002-279  
Credit + Hanson  
Newark NJ April 279

It is oxalate <sup>order</sup> Calcium  
reduce Cadmium to  
2 Pounds -

It is sold Chemically  
pure in London for  
two dollars -

TRC

20 APR 9 1974



BUREAU OF THE CONSOLIDATED COMMITTEES ON RAILWAY TRANSPORTATION,

JOHN LIVINGSTON, COUNSEL, 154, WEST FOURTEENTH STREET.

DIRECT LETTERS TO  
P. O. Box 2506.

NEW YORK, April 12, 1879.

My dear Mr Edison:

See the cutting from  
"Truth" - London, of 29<sup>th</sup> Feb.

Is truth a liar?

Have all things died with  
Fuller in the way of  
improvement in electric  
light?

Respy

John Livingston

NY April 17 79  
John Livingston  
and by sending  
the Sun April 17 1979

*[Faint, mostly illegible handwritten notes and signatures, possibly including names like "John Livingston" and "NY April 17 79" repeated.]*

*[Vertical text on the right edge, possibly a date or reference number.]*

Apr 28, 79

1 Cable Cables  
Johnson Matthey  
and Company  
London

Send following 20 per  
Cent alloys: Six  
ounces each. Six Silver  
and ten thousandths  
Wire Edison

21 Menlo Park

522 Pm  
9/79



to  
17 April 1879

Mr C. C. Davis

St. Pauls New Street N.E.R.

Dear Sir,

I have favored with your letter, under date the 30<sup>th</sup> ult, and am much indebted, in your remarks. - The faults you point out as incidental to the platinum and iridio-platinum wire methods prepared are to be nearly overcome. -

It is simply because the quantity of porosity there has never arisen before that it has not been done. - That fault is well known to you in a greater degree we imagine in the wire prepared on the Continent, especially in the iridio-platinum which as there made is only a mechanical mixture of the prepared iridium and platinum sponge compressed, and fused, and yet it has been greatly adopted as available for ordinary commercial employment. - Our mode of preparation is by fusion - and by giving excess of fusion and just care in the subsequent drawing, we can doubtless arrive at a perfection which we should before have done had the want of perfect homogeneity existed or occurred here. -

We shall be very happy to undertake any experiments with this wire. -

You will readily understand that in obtaining absolute uniformity in size of long lengths of iridio-platinum we have great difficulties to contend with, as no piece will stand along

with reference to the same, was of the value, so generally, that the  
same is not to be had, with any other, through a  
fixed rate, and sometimes, the standard, and for no other reason  
to be seen, as to be desired, and by the means, through, with a good  
supply of goods, and labor, we can, with the same, for beyond  
no greater variation, in any part of fact, to the length, of the one, and  
the other, (upon the supply) in course of 1005, from 1000 to  
1005.

Our price for these alloys, in ordinary sizes, is 15% per ton, or  
for 10% alloy, and 15% per ton for 20%. — We would be willing to  
contract for a quantity of 1000 lb. of the alloy, for the amount of  
1005 at the rate, respectively, of 10% alloy, or 15% alloy, and at the  
rate of 25% per ton, after one month's notice.

The platinum, must always, be considered, as a consequence,  
of the diminished, supplies, from the mines, and the increasing  
demand, we would, strongly, be convinced, for the convenience,  
of any association, that may be formed, for that business, that, it  
will be, to their, interest, to contract, with, us, for a supply, of our  
present, market, rates, and we are, willing, to work, for their  
acceptance, a quantity, of 1000 lb. to be taken up, at the rate, of  
not less than 100 lb. per month, the purchase, of which, will, give  
them, retained, control, of this, material, — for which, our price, both,  
will be, very, continually, advanced.

If, this offer, meets, with, consideration, we should, wish, for a reply,  
within, one, month, and, for a deposit, of 5%.

Yours, Dear Sir,  
Complacently,  
P. T. O.

J. M. W. W.

P.S. Since writing the above we have received your telegram  
kindly following 20% allow for exp cost - six pence and have  
thereon the wire - this you will find enclosed instantly  
and despatched with the least possible delay. —

11/11  
1919

London, April 14, 1919  
Edmond Mathews  
16, 20, New Street

Edwill House  
Washington DC  
April 21<sup>st</sup> 1879

Professor Edison  
Menlo Park  
New Jersey

My dear Sir:

Will you be kind enough to point out to me some practical method by which we can use the electric light during the coming Arctic Expedition under my command which sails from San Francisco on the 15<sup>th</sup> June.

I should like to illuminate the ship from land to land during the long Arctic Winter, and subject our crew to the benefits morally and physically arising from that light; but as I am quite ignorant of any simple & practical way to carry out my ideas, I request your co-operation and assistance.

Very respectfully  
Charles W. Long  
Lieutenant, U. S. Navy  
Commanding "Seamoth".

Continental Hotel  
Phila. Pa. 20  
Apr 20 1879

Dear Mr Edison,

I send you  
by Express this day  
a package of tubes.  
Please send me the  
sizes of the conductor  
you will require and  
I will go west and  
make it at once.  
Also a sample lamp.  
I can never repay you  
for the great you gave  
me last Sunday and I  
desire to say that if I  
can serve you in any  
way command me and

I am at your service.  
I am satisfied that I  
can produce for you a  
superior globe and of a  
design never before used  
or thought of - i.e. a  
prismatic globe covered  
with prisms. Let me  
hear from you soon

Yours Very Truly  
W. H. Albeque

Thos. W. Edison  
Mentor Park  
N. J.



Subsidiary Note

Paris May 3<sup>rd</sup> 77-

S. L. Traffin Esq  
Munko Park

Dear Sir Yours of yesterday  
reaches I propose to make  
a cable for Mr. Edison  
1/2 or 3/4 mile long as may be  
required. As I understood  
Mr. E. he wanted to commence  
with a large conductor and  
reduce as it increased  
in length. It is simpler  
and easier to make it  
all of one size and unless  
otherwise advised will make  
the conductor of 1/4 inch solid  
copper rods. Is No 4 =

Very truly

W. H. Albigen

The Herald.

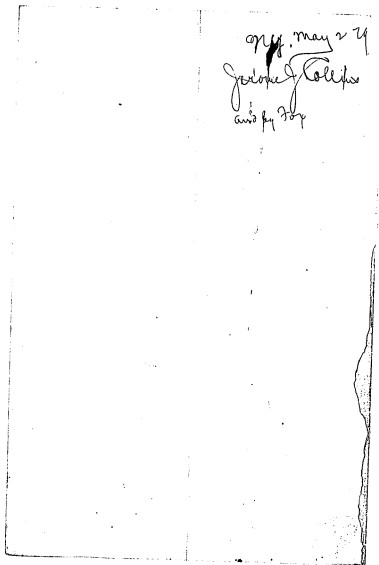
New York, May 2 1879

My dear Mr. Edison,

Kindly let me know the cost and  
the time necessary to make a  
two man power electric generator  
for the Arctic expedition, we  
must have one if possible.

Faithfully yours

James H. Collins



my. may 24

James J. Collins

and by J. J. J.



by  
5 May 1899

Mr J A Edison

Metro. Park New Jersey

Dear Sir,

We confirm our letter of the 17<sup>th</sup> ultimo, and now have the pleasure to advise you of having despatched the 20% India platinum wire as ordered by telegram and subsequent letter.

We hope it will reach you in due time and, be beyond satisfaction.

Yours, Dear Sir

Yours faithfully

J. M. Matthey

4 NY 7

May 7, 79

Edison ms

Telegraph Supply Company  
will not send Brush

Lamps to you for  
adjustment but want  
your machine sent to Cleveland.

They say wire must be specially  
wound with regard to power etc

Will you consent.

Collins

35 paid  
T.G.

Herald Office. May 7 1879.

Dear Mr. Edison,

Your telegram asking that the  
Brush lamps be sent to you without wires wound on the  
magnets, is received. I telegraphed the Telegraph Supply  
Company as soon as Mr. Fox told me of your readiness  
& help us. The reply merely quoted the cost of the  
lamps and referred us to Mr. Jones the agent in  
New York. When he was applied to he hesitated to do  
anything when he found that we did not want to  
purchase a generator. Told him you had recommended  
the use of the Brush lamp and that you would pro-  
vide the generator and adjust the lamps to it. This  
seems to have aroused a jealous spirit in these  
Cleveland people. for they refuse to give us the  
lamps, unless they adjust them themselves to the  
generator. They claim that the lamps must  
be specially adapted to the power wire of the  
generator, and say that if your machine is  
sent to them they will adapt the lamps to it.  
I telegraphed you this evening to the above effect  
but you appear not to have noticed how difficult  
it is to get the lamps from the Cleveland people.  
If you consent to let us have the generator  
under these circumstances, it may secure us the  
lamps. If not. If we cannot get the Brush  
light, or any other unless you see a way to do it.  
We are willing to get the lamps if these people will  
only rise to the level of sending them on unconditionally.  
They forget the national character of the expedition, and  
your generosity in recommending their damned old lamps.  
Please help us out if you can.

Yours truly,  
Collins

Herald office May 9 '79

My dear Mr. Edison,

Many thanks for your kind offer to illuminate our polar darkness. Will you further oblige at your convenience by letting me know the weight and size of the equipment as near as you can get at it, also a memorandum of the cost of getting up it. I have to report on this to the Commander of the expedition. The Jeannette sails on June 15<sup>th</sup> next and we are arranging with the railroad people for transportation so that everything will arrive on time.

Yours very truly  
Collins

4 Park Place East,  
Sunderland.

12 May 1879

T. A. Edison Esq.  
Moul Park  
New Jersey America

My dear Sir, I am asked  
to take an interest in  
a new of battery which  
is intended to be of  
service in connection  
with the Electric light.  
Your lamp or candle  
would be of service in  
this matter I shall be

~~As if you will tell  
me for what terms  
you will permit the  
use of my country.  
I have heard you  
of your desire to cover  
the distance from  
you can do the  
work in my country  
as in my country  
I have heard of my anxiety  
to do about himself  
I have the obligation  
I have the idea  
of extending to greatly  
the amount he has~~

offered on the strength of my credit



(Zircon)

NEW YORK HOTEL,

Hotel of the Olden  
New York, May 14, 1877

New York, May 14, 1877

Dear Sir

Some days ago I  
requested a gentleman to  
send you a package of  
Zircon which I owe him  
and also to write you. He  
tells me that he sent the  
Zircon but did not  
write, I wish simply to  
say that upwards of sixty  
per cent of the Zircon is  
the earth zirconia. When  
extracted by a chemist it  
is white like lime, but  
it is not only when heated

more in condescend than  
time but it is in com-  
bustible as far as it has  
been tried.

I have supposed that  
possibly you could use it,  
in your papers. I can  
furnish you cases if you  
need them. I should be  
pleased to know if the  
package reached you.

If you think ~~it~~ proper write  
me to 713. - 14<sup>th</sup> St.

Washington City

Yours truly  
J. D. Chingman.

Mr. T. C. Addison

Form 125.



EXECUTIVE OFFICES, 208 West Washington Square, below Walnut St.

DIRECTORS.

E. W. ANDREWS,      GEO. C. H. T. COLLIS,  
 HON. JOHN P. VERNER,      THOMAS F. ADAMS,  
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 Vice-President,      Secretary,  
 THOMAS F. ADAMS,      JOSEPH WOOD, JR.

Philadelphia, May 14 1879

Mr. A. Addison Esq  
Mendoc Park. N.Y.

Sir, I have a  
 Kerams' Electro Magnets, <sup>making</sup> (of which I enclose  
 drawing) probably the only one in this country  
 which I wish to dispose of.

It has an Electro-motive force of 5  
 large Grove Cells. Mould for quantities effects  
 Resistance between terminals 1-120 Ohms

Made by Sage of London and is  
 in perfect order. It can easily be altered  
 to be run by steam power instead of by hand  
 I would dispose of it for \$20.

At present it is at Mr. Londerbuck's office No  
 678 Chest St

In connection therewith I have a very  
 valuable collection of data, copies of Patents, Notices  
 &c. Collected with a great deal of trouble.

Would you like to become the purchaser  
of these.

To a gentleman engaged  
like yourself in experimenting it would  
be a valuable acquisition.

Please favor me with reply.

Very truly yr.

C. L. Chapin.

and many more

superior quality of paper

C. L. Chapin

Box No. 1429

Collins

May 15-1879

Herald office  
Doubtful if apparatus will  
be satisfactory with hand  
power come to mills on five  
train this afternoon to see  
it work. return at nine

2x Collect

Edison

5  
NY 16  
Edison

May 16. 1879  
2:45 P.M.

We will get Baxter Engine.  
Telegraph me how you want it  
sent and if you will order it for  
us at cheapest figures.

I will buy for it here when  
it is tested we also want one  
hundred miles iron telephone  
wire how is it to be got, carbons  
also

Collins

50 paid  
May 9

3

Collins NY

will send my foreman  
to NY tomorrow to attend  
to whole business and  
inform you of result.

1x Collect

Edison

(Zurcon) Send for 10 lbs COP Ex  
Washington No. 715-14. <sup>say that want see how we</sup> <sup>can get it before letting lot =</sup> April 16 1879.

Dear Sir

Your former request  
reached me, in which you enquire  
at what price I would deliver your  
I have five or six hundred pounds  
in New York, which I had agreed  
formerly to sell to certain parties  
at two dollars per pound, I will  
therefore sell them now for that  
price. If you wish for them I  
will cause them to be delivered  
to you. I can obtain others,  
as I obtained acquired by purchase  
the only two known localities where  
they can be obtained in any considera-  
ble quantity. Please get me hear from  
you at once as another party wishes for yours  
Wm. S. Liddion  
Wm. S. Liddion

Washn May 16, 79  
Genl R. Clingman  
and May 19, 79  
told him to cut wells

Washington No 913 - 14<sup>th</sup> May 19 1879

Dear Sir

I desire to add something in explanation of what I wrote yesterday. Ten years ago I learned in New York that certain parties wished for six cars. Their proceeds in Paris had been able to obtain only forty pounds from various artists in all Europe. The mineral is in fact one of the rarest in the world. When I told them that I would sell them a thousand pounds, they agreed to take them evidently not believing I could obtain so many. They regularly paid for the first hundred and thirty pounds but when the others were offered they were not able to pay for them. I sent some to Europe but have still



five or six hundred pounds left,  
which I will sell you at two dollars  
per pound, one hundred pounds  
of zinc contains as much as  
sixty pounds of zinc ore, which I  
think it will make a large number  
of pencils. If they or some one pur-  
chase you can therefore afford a high  
price for zinc ore. I can send  
you enough to start with  
if you, and can supply others. One of  
the parties connected with the old  
firm I learn, wishes to get my zinc  
ore. I have also another application  
for them, but have not replied  
as yet, and will wait till I hear from  
you

Yours truly,  
J. S. Kingman

Wm. Thos. A. Edlison

Unsent May 17, 1831  
J. S. Kingman

Peabody Mass May 19 79  
J. Ripston  
ansd May 20

Peabody, May 19,

Dear Mr. Edison: I have just heard an item regard the cost of gas. The agent of the largest mill in Lawrence says that his gas bill for one month last winter was \$30,000 (thirty thousand dollars), and that he would be glad to have your light tried in this mill. Next Friday if you say the word I will visit Lawrence and Lowell and make such inquiries as may be of value regarding

the probable cost of  
a plant. As we can  
now at the date heat  
gas for lighting a mill  
I think it worth while  
to glance at the chance.  
Three or four hundred  
thousand dollars a year  
are not to be sneezed  
at.

Yours Truly  
Francis Q. Upton  
Pawtucket  
Mass.

Peabody, May 19, 1879.

Dear Mr. Edlin

I find  
I was misinformed regarding  
the amount paid for gas,  
it is \$30.000 for a year  
instead of an month. Still  
that is a sum worth asking  
about.

Yours Truly  
Francis R. Weston.

Washington May 20. 1879

No. 713 - 14<sup>th</sup> St.

(Zircon)

Your letter of yesterday has just  
been received. I write to S. C. W. Bailey  
Esq. who has my givens in his  
possession to send you the ten pounds  
You will surely pay him on receipt  
of them as I am willing to give him  
the \$20 for his trouble. I thought I  
had sent you as much as ten pounds  
but the party through whom I sent  
them must have taken more out of  
the package than I had intended.  
If you do not receive the givens in a  
day or two of the getting this note write  
directly to Mr. S. C. W. Bailey Esq. - at  
Cornell on Hudson Westchester Co  
New York. My letter of today might  
perhaps not reach him by some  
accident. I see however that his

post office is spelled Scotland on  
Hudson, Westchester Co. N.Y. Enclose  
him this letter and pay him as he  
may direct. Please advise me of the  
receipt of the money and also if you  
will need more so that I may take  
steps to procure what you may  
need above the five hundred pounds  
I have

Yours truly, &c

T. L. Livingston

Mr J. A. Edison

I. S. bet if contain let my letter  
to the Daily might miscopy I send  
you a order to have to be out if necessary

T. L.

London March 24  
Franklin D. Roosevelt

(Zinc)

May 20 1877

S. B. Bailey Esq at Northond on  
Hudson will deliver ten pounds of  
zinc ore to Mr. Thomas A. Edison  
at Menlo Park New Jersey and receive  
twenty dollars for the same

J. H. Livingston

Blank No. 1.

## THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS AND DELIVERS messages only on condition, holding the liability, which have been assumed by the sender in the following manner:

Should the sender be unable to pay for the message back to the receiving station for signature, and the Company will not hold itself liable for error of message in transmission or delivery of Emergency Messages.

Messages in an EMERGENCY CASE MESSAGE will not be delivered or error of message until the conditions mentioned.

A. R. BIRKBECK, Sec'y.

WILLIAM ORTON, Pres't.

Dated New York 7 22 1879

Received of J  
To Sharon

READ THE NOTICE AT THE TOP.

Got no gold stock  
Telephones and generator  
4 H. Leggett & Co  
Corner West Broadway  
+ Red Sea  
Collins  
18 paid  
ch



My May 14  
to Collins  
to Walker for  
to Collins

Walker

Could you let Collins

of Bay Head have

Six pine-crown telephones

for Arctic Expedition

~~if there is any~~ if there is any  
change how much will it

Edison

20

San Francisco.  
May 23/77

Mr Edison. Belmont St  
Dear Sir

I have about  
170 ounces of Bismuth  
do you wish to purchase  
it & what will you pay?  
Yours respectfully

J. G. Kellogg

1221 California St

The Herald,

New York, May 26/87.

J. A. Edwin Esq

Dear Sir

The enclosed  
check for \$24.07 is in  
payment of your bill  
against us for that  
amount.

Please return  
the receipt to Cashier  
W. J. Strickland & Co.

Yours truly  
J. B. Bennett  
per C. Lowrey

Washington 713-14<sup>th</sup> May 26 1879

gizans!

Dear Sir I hope you have received the  
10 pounds of gizens from Mr Bailey  
who soon or you have experimented  
sufficiently with the gizona to decide  
as to its value, I hope you will  
advise me. I may go on in the  
course of a week and if you will  
need many of the gizens I would  
like to ascertain the fact before  
I go so that I may at once make  
the necessary preparations to have  
them gotten on. I have however as I  
wrote you about 600 pounds in New  
York. I have been asked by Stone to  
dispose of them to him, and also been  
applied to by another party but I  
will wait till I hear from you as I  
suppose you will need a great many of them.

Yours truly  
T. L. C. C. C. C. C.

Wm. H. C. C. C. C.

Washington 713-14<sup>th</sup> St. May 29 1879.

Dear Sir

In reply to your inquiry as to whether I could furnish you a large quantity of zinc ore I have to state that I presume I could during the present summer furnish you twenty thousand pounds or more if needed. I secured the only locality that is known to contain zinc ore in quantity and so surrounded as to render it practicable to obtain them on reasonable terms. Those I have in New York would I take it supply your purposes for a couple of months unless you get well under way in your operations. I expect to start about an about four days from this time say Monday next at the earliest. If you have

anything of interest to write direct to me  
now, but after this week to Asheville  
North Carolina

Yours truly  
T. L. Whigham

Mr. Thomas W. Edison

Asheville N.C.

Washington  
D. C.  
The Smithsonian Institution  
Asheville N.C.

J. G. KELLOGG,  
President.

JOHN HEWITON, JR.,  
Superintendent and Chemist.

JESSE WALTON,  
Cashier.

**Pacific Refinery and Bullion Exchange.**

416 MONTGOMERY STREET.

San Francisco, *June 5 1877.*

Mr Edison,

Dr Sir

I have about  
Twenty ounces of Sodium,  
Do you want it, & what  
will you pay for it, please?

An early reply will  
oblige you, truly,

J. G. Kellogg

San Francisco June 10/79.

J A Edison Esq.,  
San Fran.

I have your  
reply to my letter of 23<sup>rd</sup> May.

The metal I have is  
"Siderium". One instance  
not being found on this coast  
but always associated, or  
alloyed with arsenic.

What price to put upon it  
I do not know - An electrician  
near Red Bluff in Mass. north  
\$12 an ounce - This seems to  
me a large price which is  
certainly not worth your

I know of no place on  
this coast, where any  
considerable quantity of  
Platinum can be obtained

Years ago some was found  
associated with siderite  
& gold. but in small quantities  
on the sea coast near  
Loyal Bluff. I have not seen  
a kind of any for years.

If you want the  
siderite please write  
me now

Hobbs  
J. S. Hill  
Linn California

look in  
Birmingham  
Birmingham



Asheville, N.C. June 12 1879

Dear Sir

I wrote you before I left  
Washington, but not having heard from  
you, I will now to enquire, whether  
you have made sufficient experi-  
ments with the Germania, to enable  
you to decide as to the point of  
your being able to use your cars to  
advantage. Some persons have been  
expressing a desire to obtain them,  
but it may be only for speculative  
purposes. I prefer if you need  
them, to contract with you, as I  
presume you would need many  
of them if at all.

To enable me to get a quantity  
this summer I ought to be apprised  
at once, as some weeks of work

will be necessary in the way of  
preparation. I can at once let you  
have the gas cars in New York which  
I presume would be as many as you  
would need for some time to come  
Write me to the place

Yours truly as  
J. D. Klingman

W. J. A. Edison

I should be pleased to

see you at

the place

I shall be pleased to

see you at

Day have a chemist  
I can't say what  
I will do until you

Experiments are completed  
and if not the high price  
of purifying as well as  
1st cost of gas will prevent  
I shall be pleased to see you  
and will be glad to see you

JUSTIN WERTHEIMER,  
IMPORTER OF  
Precious and Imitation Stones,  
CORAL, PEARLS, GEMES, &c.

9 MAIDEN LANE,

HOUSE IN PARIS:  
L. ELLOU,  
23 RUE BERGÈRE.

New York, 17 June 1879

Mr. Edison  
Menlo Park, N. J.

Sir,

I import platinum in cakes, rods, or wire at  $\$7.50$  per Troy of which I have always a stock on hand.

Lately, I have imported also platinum in bands rolled down to as thin as tin foil,  $1\frac{1}{2}$  inch wide and several yards long for telegraphic purposes, which costs  $\$7.85$  oz. and of which I have  $17\frac{3}{4}$  oz. on hand.

If you can use it I shall be pleased to send it on for examination.

Hoping to hear from you, I remain

Sir,  
yours very respectfully  
J. Wertheimer

\*MADISON+SQUARE+GARDEN\*  
LATE GILMORES



G. H. DODDINGTON,  
A. K. BARTON.

LADIES AND GENTLEMEN,

{ J. KENT,  
{ L. F. KURTZ.

Mr. A. Edison Esq: New York July 2<sup>d</sup> 1879.

Dear Sir:

You are respectfully invited to inspect the Electric Light in our Garden which in our judgment is handsomely lighted by the same.

We will be happy to receive you and our invitation is most cordially attended.

Respectfully Yours,  
Henry Dodsworth & Partners



June 9<sup>th</sup>  
July 7<sup>th</sup>

1878

Mrs T. A. Edison

Menlo Park. N. S. A.

Dear Sir:

In reply to your favor of the 11<sup>th</sup> Ult<sup>o</sup>: we have not yet had the pleasure to be afforded in drawing an alloy of osmium and platinum containing any material percentage of the first named metal. We are however arranging experiments in series upon the platinum metals and their alloys and shall be better able to report to you of what we can do better in — —

The copies of the Royal Society of our late Genl. Matthey's paper on iridium alloys is herewith made - one of the first copies shall be immediately mailed to you. and we beg you to consider us to be always at your service in any

Very in our service  
We are Dear Sir  
Sincerely yours  
Johnson Matthey & Co.

N.Y. July 8  
- R. H. Cooke  
and July 9-11

New York July 8<sup>th</sup> 1879  
Prof. Thos. A. Edison

Dear Sir  
I have a material which is far superior to either platinum or carbon for producing the electric light, in comparison with carbon. It does not waste away, & is much cheaper — with platinum — it will stand a far higher degree of heat can be used in same way as platinum giving a longer & at same time a steady light. Should you deem it worth investigation, I will be happy to show it to you personally,

have kept it quiet so far  
but shall before long  
bring it to the notice  
of those entertained in  
electronic light.

Yrs respectfully  
R. F. Cooke  
251 St. 38th St  
New York

Ready any time to see  
it

New York July 11<sup>th</sup> 1879  
Prof. W. Edison

As for service, come to  
New York next Tuesday 18<sup>th</sup> inst  
should that day not be agreeable  
to you, then any day after  
Wednesday.

Very respectfully

R. D. Crooke  
257 W 38<sup>th</sup> St NY

VULCANIZED FIBRE  
WASHERS  
FOR RAILROAD TRACK BOLTS, CAR  
BOXES, CARRIAGE AXLES, COM-  
PRESSION COCKS, AND  
GENERAL MECHANIC-  
AL PURPOSES,  
PACKINGS FOR SURFACE CON-  
DENSERS,  
HOT AND COLD WATER, ETC.,  
HOVING CANS, BOXES AND BASKETS  
FOR COTTON MILLS.

C. A. RODNEY, President.

FRANK TAYLOR, Treas. and Sec'y.

OFFICE OF

Vulcanized Fibre Company,

SOLE MANUFACTURERS OF

Hard and Flexible Vulcanised Fibre.

TENTH AND WALNUT STREETS.

Wilmington, Del. July 11 1879  
Mr Thomas A. Edison  
Dear Sir: Menlo Park N.J.

I write to inquire how the last lot of Vulcan-  
ized Fibre is working, whether it is satisfactory?  
and whether your experience would suggest any im-  
provement.

We are supplying all the electric light men with ~~tubing~~  
for insulation &c and it may interest you to know that  
we are supplying the London Post office Department  
with Pneumatic Dispatch carrier tubes, a large order  
being in hand now.

We shall be pleased to have any suggestions or recom-  
mendation you can give us in regards the applica-  
tion of our material to any purpose you may think of  
Very Truly Yours  
R. D. Crooke Pres.

Fibre is good we shall use it Helgehelms  
on Dynamis Machine also in other work  
The only improvement would be in making the sheets  
thicker, more care was taken out in getting the several sheets  
compacted together more firmly adhat, WE have indicated this aspect in the  
note after finishing



I find I am unable to  
go to Newark this week as  
I am not fully prepared. I  
will see you not later than  
Wednesday of coming week.

Yrs  
R. F. Cooke  
N. J. July 18<sup>th</sup> 1879

W. M. DEUTSCH.

ALFRED N. LEWIS.



Newark, N. J. July 21<sup>st</sup> 1879.

T. W. Edison

Mentholait N. J.

Sir

We beg to call your attention to our Water Motors  
as a power, suitable and adaptable in connection with  
Electric light, when used in Churches, Public Halls & Private  
dwellings. We should be pleased to make a test of  
same, when you are ready and at your convenience.

We shall be pleased to hear from you.

Respy Yours

Backus Water Motor Co

Micrographs in little  
white soon as get  
ready

Chicago, July 24/89.  
Mr. F. A. Edison  
Menlo Park, N. J.  
Dear Sir

In reply to your  
kind note of the 17th inst. would say,  
I wish to buy an apparatus for  
electric light for purposes of  
projection & also for illumination.

Will you be so kind as to  
mail me the address of the maker  
of that apparatus, which I have  
been informed is one of your  
own inventions & much oblige

Not recommended by me  
you better address <sup>Amesbury, Mass.</sup> <sup>(the commission)</sup>  
Wells & Co. - 11 South Broadway  
That will make the  
Respectfully,  
J. B. Steinhilber.

521 Hubbard, near Fairbairn St.  
Chicago.

GEO. L. PEYTON & CO.,  
Proprietors.  
H. F. EARLE, Chief Clerk.  
Dr. J. J. MOORMAN, Res. Physician.

Greendrier White Sulphur Springs,

Greendrier County, West Virginia,

July 22 1879

Dear Sir  
I have made arrange-  
ments by which I could get for  
you a considerable quantity of  
ginseng this summer if you will  
order them. Will you drop me a  
line and let me know whether or  
not you care use them to advan-  
tage ~~and~~. If so I will order them  
to be wrapped up. If you will on  
the receipt of this direct to me at  
the "Old Sweet Springs, Monroe Co.,  
West Virginia." If you do not write  
in six days time from the

present date. Then direct to  
 me at Asherill, W. C. to which  
 place I will about the 30<sup>th</sup> of this  
 month. The summer <sup>side</sup> months are  
 the only ones in which work in the  
 winter can be done advantageously.  
 Hence I wish to know as soon as  
 possible whether you will be  
 needed.

Yours truly  
 T. H. Chapman

Mr. J. A. Colson

Just got out pine  
 & oxide for samples  
 sent you and it  
 sent about thing  
 even had to deal  
 with here. Can't tell  
 abt getting more oxide  
 out until I have  
 tested it thoroughly  
 for purpose for which  
 we intend to use it

Asherill W. C.  
 T. H. Chapman  
 Aug 2nd 1890



Malleable Nickel Alloy Co  
FURNACES  
REMNANT 204 East 23rd St., N.Y.

581  
July 23, 1879

Thomas Edison Esq  
Menlo Park, N.J.

Sir

We would like to know the service you  
require of Platinum in your electric light.  
What shape does the metal take? Rod, Sheet  
or Wire. What is the quality you seek.  
Relative infusibility? If so how high a  
temperature do you want it to stand?  
How low can you go down? We have  
some new methods and ideas here -  
and it has occurred to us that  
we might be of use to you. A few words  
will tell whether it is worth while to  
pursue the matter or not - Yours really  
W. S. A. Co Per S.

we want to raise the  
temperature perhaps  
300 degrees above the fusion  
point of whatever metal  
which we have chosen  
drawing into wire. Can  
you suggest if we should  
use any other alloy for this?



Malleable Nickel Alloy Co.  
FURNACES  
No. 264 East 23<sup>d</sup> St., N.Y.

July 26. 79

J. A. Edison Esq  
Meads Park, N. J.

Dr. Sir  
Your esteemed favor rec<sup>d</sup>. Our metal  
as prepared for the market, will not meet  
your requirements - The fusing point is lower.  
We did not think that it would when  
we wrote, but we believe that we can pre-  
pare a metal that will. We would like  
to get all of the conditions clearly established  
before spending money on experiments.

Please answer the following.

You say that you require a fusing point  
300° above nickel. What do you call  
the fusing point of nickel? We call it  
2700° (Wharton's nickel)

Is it absolutely necessary that the metal



2  
Malleable Nickel Alloy Co.  
FURNACES  
REMOVED  
No. 64 East 23<sup>d</sup> St., N.Y.

Should be sufficiently malleable to  
roll or draw into wire? Would castings  
do? Would granulation do?

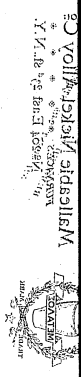
What sizes of wire etc., lengths & thicknesses do  
you require?

Are there any <sup>other</sup> special properties of Platinum  
beset its high fusing point, which you  
wish retained? Will it be disadvantageous  
if the metal we produce has greater  
or less power as a conductor of electricity.

If so, give us some limits by comparison  
with other metals.

Yours resply  
Wm. H. Wood  
1900

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Mississippi Electric Light & Power Co.  
 Y. N. E. S. & P. Co.  
 \* \* \* \* \*

2 Shallow Channels in main  
 of the river. 2 sin in water & set

2. 20 masonry piers. 2. 20

2 masonry & wood, as sin of big raft  
 2. 20 masonry piers. 2. 20

2. 20 masonry piers. 2. 20  
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 2. 20 masonry piers. 2. 20

It is essential that  
 be malleable to be  
 drawn in wire 7/16s  
 diam in lengths of  
 15 ft we want melting  
 raised just a little  
 above that given by  
 Wharton's table  
 than I'd care it otherwise  
 not

*[Handwritten signature]*

Mississippi Electric Light & Power Co.  
 111 South First St., N. Y. N. E. S. & P. Co.





August 5. 1879

Mr. T. A. Edison

Dear Sir

We are favored through Colonel Foxwood  
with an order for Palladium which we  
sent forward in registered packets by Messrs  
- Messrs Foxwell we will hand as usual to  
Messrs Langens & Co. - We hope that it will reach  
you in good time. -

We are much interested in the observations  
made as to the supposed existence in packets  
of platinum mineral in the States - we have  
from time to time received small quantities but  
never of sufficient importance to lead us to hope  
for ~~any~~ considerable developments - Should you  
be satisfied when he realizes we shall consider it a  
privilege if you will from time to time send us  
a line as to the progress - and if we can save  
you time or needless work by referring to you

minimal which may come into operation or in  
making an exchange operation, we beg you to command  
us - and to consider us always as your service  
in this a Manchester.

We are Dear Sir  
Very faithfully yours  
James Mackenzie

London Aug 15 1919  
Johnson Mackenzie & Co  
no reply  
Copy of this bill  
4. 1/2% Pullman's fact  
100g for 25/12/19 26,226  
Per 2/26  
£26,100

JUSTIN WERTHEIMER,  
IMPORTER OF  
Precious and Imitation Stones,  
CORAL, PEARLS, CAMEOS, &c.

9 MAIDEN LANE,

HOUSE IN PARIS:  
E. ILLON,  
29 RUE SEVIERE.

New York, Aug 6 1879

T. A. Edison, Esq.,  
Menlo Park

Sir,  
Confirming my letter of 1st Inst.  
I have the honor to inform you that,  
in consequence of advices received to-day,  
I have to correct the price of \$8- for platinum  
foil of which I sent you sample.  
I have to charge \$8.65 of which  
please take note.

Believe me, Sir,

Yours very respectfully  
J. Wertheimer

Chicago Aug 7<sup>th</sup> 1879

Prof. Edison

Do you ever try hard lead  
pencil steel for electric burners  
and for a leading wire use  
a small water pipe with a  
current in side with stand

240

Very Respectfully  
C. Franck

Yes = Water would  
cause the loss of  
too much current by  
going off as heat



**HOLLY WATER WORKS.**

J. A. RICHARDSON, AGENT AND BUILDER.

30 WATER STREET.

Occidental Hotel  
Boston, Mass. 8<sup>th</sup> May  
New York

Prof. J. A. Edison.

Dear Sir, I wrote to Holly  
Co. to send you pamphlets finding  
I had none this side of Boston.

I had no figured out of local purchase  
power, as on Holly system engines  
run on such varying speed, just  
as water is condensed. No guar-  
antee a duty of 60,000,000 with the  
2,000,000 gal. run machinery, ashes and  
cinders not weighed back. At  
tests have got as high as 90,000,000  
foot pounds, one foot high with 100<sup>th</sup>  
coal. Machinery of larger capacity  
gives a higher duty. That of smaller  
capacity, not quite so much.

My Aug. 79  
J. A. Richardson  
no reply

The machinery is controlled by a  
regulator, set at a given pressure,  
works by that pressure fast or  
slow according to consumption  
For a fire pressure is change at  
instantly to throw fire streams  
and machinery works up to that  
pressure, speed according to number  
of streams, when fire is out pressure  
is changed for domestic supply.

I think the machinery is better  
adapted to your purposes than any I  
know and will be fully as economical  
in its working.

Very Respectfully,  
J. A. Richardson

Can use any  
but wire - must  
have extra res  
center for  
wax for  
project for  
how

Hokemo Summit Co. Colo. Aug. 9 79.  
Prof. Edison, Menlo Park New York City.  
Dear Sir:

Having been greatly interested  
in your experiments with the electric light and seeing  
it mentioned in the Scientific American that one  
of the greatest drawbacks to the success of the prac-  
tical use of the same, is the scarcity of the metal  
Platinum; I have been led to think of a sub-  
stitute for the same and I think I have found  
it, it is fully as refractory as platinum and its cost  
would be merely nominal, compared with the  
price of the metal. I have no facilities to make  
the experiment but if you would trust me with  
a battery and one of your Lamps I should be  
happy to communicate the result to you; I do  
not withhold the name of the substance from you  
from a mercenary motive, but merely because  
I want to be sure of its adaptability for the pur-  
pose before making it known to you. Should you  
conclude to test it, I will refer you to G. Williams

Superintendent for H. L. Taylor & Co. Pitts-  
burgh Co. Pa. To find out whether you may trust  
me. Hoping to be favoured with a reply I am  
yours respectfully

M. Wanner

Box 81 Kokomo Summit Co. Colo.

Kokomo Oct 20-1914  
M. Wanner  
recd Aug 19 14



J. E. Hughes, Pres.  
James Jackson, Vice Pres.  
G. F. Hildreth, Secy.  
W. H. Hughes, Treas.  
W. H. Holly, Consulting Engineer  
H. F. Dashiell, Superintendent

# Holly Manufacturing Co.

MANUFACTURERS OF

**HOLLY'S SYSTEM OF WATER WORKS.**

Lockport, N.Y. Aug. 13, 1879.

Prof. T. A. Edison  
Melus Park, N.J.

Sir: A former agent, Mr.  
J. A. Richardson, writes us to send  
you some printed documents giving in-  
formation regarding the Holly System of  
Water Supply, & that you wish to know the  
effectiveness of the Holly Steam Engine.

We are pleased to mail you some docu-  
ments, & find the following figures, as  
the result of careful, & fully authenticated  
~~experiments~~ tests, of the Holly Compound Conden-  
sing Engine, as applied to pumping water,

Consumption of Coal per H.P. per hour.

Coal per indicated horsepower	1.94 lbs
" " effective " "	2.31 "
Combustible " indicated " "	1.82 "
" " effective " "	2.17 over

Should you desire further information we will be pleased to forward it.

Respectfully,  
C. J. [Signature]

Lockport (Jan 13, 1914)  
at [unclear] City  
Cousins [unclear]

box of eggs with your check with [unclear]  
\$1.00 per quart you multiply with you  
[unclear] [unclear]

[Faint, mostly illegible handwritten text covering the majority of the page, possibly containing a list or detailed notes.]

Asheville Aug 21 1879

Dear Sir

I write you this note to enquire whether you are able to decide as to whether or not you will need givans. It would be inconvenient for me to have them taken out in winter, and hence if I were to purchase a considerable number I would like to use the autumn months for that purpose. If you have decided let me know and I will instruct the parties who have been at work for me to suspend or so on, or let certain other persons who have proposed to wish for them, give me a positive order.

Yours truly  
Wm. H. Davidson

Asheville N.C. Aug 24  
W. L. Kelloggman  
and Sept 3 29

I shall give up use of Zircon  
price is ~~too~~ too high - prohibitive  
am using pure alumina

a great pity because I have now  
a process for extracting oxide  
could create a great demand for  
it outside of my uses

Office of Wallace & Sons,  
Manufacturers  
Brass and Copper Goods

WAREHOUSE  
89 CHAMBERS & FINEBAY STS.  
NEW YORK.

Sussex, Conn. Aug. 25<sup>th</sup> 1879

J. A. Edison Esq.

Dear Sir

I met Mr Barker  
on the cars Saturday, among the pleasant  
things he discovered, was an allusion to his  
recent visit at Merulo Park. he suggested  
that I send you a sample of our castings;  
have forgotten if he mentioned the size you  
are using so send a sample of the  
common size. He also said you  
was using or would soon be using  
large quantities of copper wire

If you will send a sample of the  
size you use - and say if you wish it  
plain, or cotton covered will quote you  
price, am confident we can  
furnish a better article for less  
money than you can purchase  
elsewhere,

Yours Truly

W. Wallace

Pure Nickel,  
Nickel Alloys,  
Nickel Castings,  
Nickel Salts,  
Cobalt,  
Cobalt Oxide,  
Blue Vitriol,  
Coppers, &c.

PROPRIETOR,  
J. EDWARD WHARTON,  
Address,  
PHILADELPHIA.

AMERICAN NICKEL WORKS,

Camden, N. J. Sept. 2 1899

Dear Thomas A. Edison  
Dear Sir

When I read last July the statement  
of platinum for your electric light, I thought of suggesting to  
you that nickel might answer your purpose, but desisted because it  
was to be presumed that you had thought of this metal. The  
highly interesting paper from you which was read yesterday at Trenton  
has not nickel did not escape your attention.

Now I have only to say that my experiments for procuring  
mineral nickel, and later those of the Platinum of America, prove  
that nickel wires and wires can be made in any quantity and  
of any size. The small bit of wire mineral furnished to you  
a larger piece made here six months ago and of which I sent  
some to Sir Wm Thompson; the larger piece is from some lately  
made here by Plattner's process. Dr. Plattner has agreed  
to me the exclusive right to use his process in America; I shall  
probably clear with him, and immediately proceed to erect suitable  
works here adjoining this factory, which latter is I believe the  
largest and best nickel works in the world.

Mr Henry Smith knows me well enough to give  
you any information - or does Prof. Geo. F. Barton

Yours truly  
Joseph Wharton

Write me if you would like to build with U.S. & this is money.

Small high purity from flow, some of them in this is  
not for use in case of power used here or in England or in  
cell for

straight  
all of each type or not both  
the better or 4 copies of each  
size than 1/2 gal. seawater  
Result of  
only miles of  
change from  
Papers

Shelburne Vermont Sept 5<sup>th</sup> 1879  
L. A. Edison

Dear Sir

Have just read your report of experiments - before the Am. Ass. for the adv. of science at Saratoga Sept 2<sup>nd</sup> - with pleasure & interest. For if you have succeeded by a certain process in preventing Platinum from disintegration under intense heat, thereby causing it to throw off a greater & more regular light, & it is patentable, & I see no reason why it is not - you have made a discovery, in my humble opinion, that is worth more than you ever dreamed of. Allow me to send the "check" to suggest how this money can be made out of it.

The report causes you to say that you can produce with this said burner 128 candle Power with one H.P. (your one H.P. could be produced under ordinary circumstances - as you would have to have duplicate boilers,

Engine &c, not having a supply in store at a cost of about 10¢ per hour, or under the most favorable circumstances 5¢ per hour.

It would take about 40 ft. of st. g. coal gas to produce 128 C. P. at a cost of \$1. per ft. delivered to consumer, equal to 4¢ per hour. The "Low Process" 50¢ delivered, equal 2¢ per hour. This 40 ft. of gas can be produced & delivered by the "Strong Heating Process" gas about 1/2¢ & if this 40 ft. of gas will cause the platinum burner to throw off this 128 C. P. light - I do not pretend to be posted on this latter point, but it could be easily tried at our experimental works at Mt. Vernon N. Y. - I believe that the strong heating gas, would produce the light gas cheaper than any other merchantable gas, as it has the highest flame temperature & is the purest, or Electricity produced by power transmitted through pipes by steam & Engine & Electric Machine, the gas will travel to burner without power & also there will always be a supply in store.

What I would suggest is this. If this



Answer can be lighted the cheapest by the  
Strong Heating Gas. Let your co. keep absolute  
control of this patent, unite with one co.  
then we can give the public the means of  
heating & lighting through the same pipes. If  
this can be brought about, do you not see  
we have all the gas companies on their nees  
to us, at once.

Think the matter over, lay it before your  
Co. & if you or they wish to see me, I will  
go to N. Y. upon recd. dispatch; would prefer  
you would see me before seeing any other  
member of my Co.

Hoping to hear from you soon, I remain  
yours well wisher.

J. M. Pierson

No flame can burn  
strong, plant up to you  
they want of light  
we are granted AP  
at 10 per hour per  
AP, for proof we sell  
2000 AP for N.Y. City  
since we can run both lights  
& they show process  
party were already

Cherokee Sept 8 1879

Seeing your form arrived while  
I was absent, The reason why zinc cars  
will cost the more is not merely that  
they are a rare mineral, but they  
are usually found in solid rock  
and cannot be extracted without great  
cost. In the localities which I  
have secured the ground is decomposed  
to some depth and for a time I  
can have them taken out with  
comparative ease.

Those I formerly got out, as I  
wrote you last spring, I was to  
have two dollars per pound pr.  
but the parties had no money and  
after paying for a few pounds, they

They wished me to sell on a credit which  
I declined as I found they had no  
means.

As Mr. Widdlen was very anxious  
to get a few for you, to oblige him  
I agreed to sell two hundred pounds  
for the price stated. I will hold on  
to what I have ord. to be the chances  
of losing what I have spent on the  
properties, or getting a remunerative  
price. If *girsoria* can be used  
instead of platinum, I think there  
will be a demand for it.

By the way Mr. Widdlen and Mr.  
Obunphies told me that you expected  
to use the metal *girsoria*. In  
this I take it that they must  
have been mistaken, for that  
metal melts below a red heat.

and could not thus be recovered  
even if it were plenty.

As to platinum, though it  
was found sparingly in several of  
the counties where gold exists, yet  
I take it, that the very fact that  
the search for gold did not develop  
much is a reason why one should  
not work for it there. I told  
Mr. Stidder that I should look  
for it in a different belt similar  
in its constituents to that forma-  
tion in Austria from which it  
is obtained. I have for many  
years thought of searching in that  
formation for it, but have been  
too much occupied with other

things to carry out my designs,  
I may however experiment in  
that direction one of these days

Should you need zinc or mercury,  
or as I stated to you last Spring  
supply what you will probably need  
unless certain other parties, who  
have made enquiries for them,  
should conclude to purchase what I  
have ordered. can get to a considerable  
extent,

Yours truly &c  
J. Robinson

Mr. J. H. P. P. P.

Yerminia is not suitable for that. It has no vacuum in that  
line. I use it merely to make bobbins to wind filaments on  
but as I find it attracts the coils at a very high temp.  
I am anxious you should have that 1000 in length  
to obtain a process for even out of your oxide. I had if I had  
got crystals clear any I could go into any of them oxide & make all  
possible in any possible high price of your high price which would  
kill any other by its great price

Received all 10/15/18  
1/2 1/2 1/2 1/2 1/2  
1/2 1/2 1/2 1/2 1/2  
1/2 1/2 1/2 1/2 1/2

Electric motor

Patent 1879

Laboratory of  
Thomas A. Edison  
Menlo Park, N.J.

Sept 8<sup>th</sup> 1879

Dear Sir

Regarding the introduction of my new system of Electric Lighting, I contemplate in addition the use of Electricity as a motive power - I propose to sell it for the purpose of running Elevators, small shops, sewing machines etc.

In lighting the city of New York there will be about 24 stations each station will supply about 1200 horse power, distributed over a certain area, each horse power will supply a certain light according to size. The same power that will supply a light will run two sewing machines

A small dynamo machine has been completed for running Sewing machines and have applied it to the Willcox & Gibbs. Tests have shown that this machine requires about  $\frac{1}{2}$  of a horse power to run it. When running 500 stitches a minute through leather a sixteenth of an inch in thickness and when run by the motor  $\frac{1}{4}$  of a horse power.

I should like if not contrary to your business principles to obtain one of your standard Sewing machines that I may obtain measurements and make the application of the motor after testing power required and obtained measurements will return it to you. As the Electric

To can furnish electricity to run a sewing machine  
10 hours daily for less than 3 cts by mechanism requiring  
absolutely no attention it will undoubtedly lead to a  
more extensive use of the Sewing machine

Very Truly,  
Edison

Edison Electric Light & Power  
Company of New York

Chicago

London

Paris

Philadelphia

San Francisco

St. Louis (Central)

Wash. City, Wash. D.C.

Oct 8 1879

Box 8

No answer



NEW YORK September 9<sup>th</sup> 1879

Thomas A. Edison Esq  
Menlo Park, N. J.

Dear Sir,

Your favor of 8<sup>th</sup> inst. has reached us. It is no new thing for Sewing Machine companies to devise some cheap, convenient and effective motor for the running of sewing machines in families, and we shall be very much pleased if you have succeeded in inventing such a contrivance.

It would hardly seem necessary however that you must be put to the trouble of trying every machine made, and measuring the power necessary to run it. No two machines of any make run alike. A well fitted machine requires more power than a loose jointed one, or the same well fitted machine will run very much harder with bad oil.

There are so many contingencies surrounding the use of the sewing machine in families, that the best you can hope to do, is to supply power enough to run an ordinary machine in the condition it is usually found. This done successfully with any machine, would be a great success with ours.

Yours  
The



The "Automatic" machine runs only  
a mere trifle harder than a well fitted old style  
machine of our make.

Yours truly

Willens

Gilbert O. Mills  
J. Parnley

NY Sept 9-74  
Willens  
G.M.  
710 ans



Address all business letters  
to Wheeler & Wilson Mfg. Co.

Office of  
**Wheeler & Wilson Manf'g Co.**

Bridgport, Conn. Sept. 10, 1877

Thank him for sending us a  
we are going to keep it on exhibition  
I trust this is no doubt what  
that good power will be  
I think you will be  
Minto Park, N. J. in a few weeks  
5th year.

Prof. A. Edison Esq.

Dear Sir:

Replying to your favor of the 8th inst.  
We shall take great pleasure in sending you one  
of our "M. D." sewing machines for the purpose mentioned  
in your letter. We should be very glad to know the  
results of your tests.

A cheap, safe, clean and convenient motor for sewing  
machines (and other purposes) is certainly very much  
needed. After so many futile attempts to supply this  
disadvantage, we are very glad to know that you  
consider it practicable to distribute electric power  
in the manner and at the cost stated, and we  
earnestly hope your plan will be perfectly suc-  
cessful.

The Sewing Machine will probably go forward to  
you tomorrow. If you return it, please send it to  
our office at 44 E. 14th St. New York; but if you can  
make it useful in your family, you need not take  
the trouble of returning it at all. Thanking you for your  
kindness in calling our attention to this subject, we are  
Yours truly,  
Wheeler & Wilson Mfg. Co.

We do not manufacture  
for sale. The best  
machine for that purpose  
is undoubtedly Edison's  
Morse or the same.

Normal College, New York,  
Sept. 10, 1879.

Mr. Edison,

Dear Sir,

We are about to  
get a Magneto-electric machine  
for an electric light. It is made  
with a lantern for ordinary apper-  
atus. We need a machine powerful  
enough to maintain ten strong lights;  
each takes enough for one rather  
a lantern for projection.

Do you manufacture such  
a machine? If so, will you please  
state the price at which you could  
furnish it, and also the power of  
an engine sufficiently to drive it.

Very truly

J. C. Gillies

225 East 60th St.  
N. Y. C.

PURE NICKEL,  
NICKEL OXIDE,  
NICKEL ALLOYS,  
NICKEL CARBON,  
NICKEL SALTS,  
PURE COBALT,  
COBALT OXIDE,  
COBALT ALLOYS,  
COBALT CARBIDES,  
COBALT SALTS,  
BLUE VITRIOL, &c.

*W. A. S.*  
AMERICAN NICKEL WORKS,

Joseph Wharton, Proprietor, P. O. Address, Box 2710, Philadelphia.

Camden, N. J. Sept. 10 1879

Mr J. S. Edison  
Dear Sir

I have your favor of 2nd  
and shall endeavor to have some metal wire  
made of the fineness you request, but it will  
not be easy to draw it so fine and the trial  
may have to be postponed a little while in order  
to allow the production of some metal uniformly  
fine and smooth. I will advise you when  
I have a sample.

Yours truly  
Joseph Wharton



B. REMINGTON & SONS

NEW YORK OFFICE  
NO. 281 & 283 BROADWAY.

New York, 12<sup>th</sup> Sept 1879

Thomas A Edison Esq  
~~West~~ Menlo Park N.J  
Dear Sir

Yours of 8<sup>th</sup> comes to us  
from Illion for reply.

Yes we are glad to lend a  
sewing machine to you for the purpose indica-  
ted.

We are about to introduce a machine  
we designate as No 3. which we think is an  
improvement over our No 1. If you have any  
choice please indicate where you give us  
shipping directions

Very truly yours  
E Remington & Sons  
Genl Supt. N.Y.

We want <sup>you</sup> the machine which is in  
most general use as we shall  
make application of mailer to that



**Wilson Sewing Machine Co.**

*Chicago Ill Sept 12 1879*

*Thomas A. Edison Esqr  
Mead Park N.J.*

*Dear Sir,*

Your favor of the 8<sup>th</sup> inst to the President W. G. Wilson, Esqr is rec'd. Mr Wilson is now in Europe, We have directed our New York Office 827-829 Broadway to let you have one of our machines to enable you to obtain measurements under the application of the patent. We will forward your communication to Mr Wilson

*Yours Truly  
Wm Sewing Mach Co*

200  
Waverille Sept 15 1879

Dear Sir

Your letter of the 11<sup>th</sup> is just received, and some persons engaged in the electric light business told me they would use zirconia for pencils, I supposed you might likewise find it for that purpose. At least it may become a substitute for platinum for such purposes as anodes &c. Though alumina melts at a high temperature, yet if it answers your purpose, it of course may be cheaper.

As my pen was here with me considerably more than I understood your refusal to mine, I must decline them and take my chances for remuneration yours truly  
Wm. Thos. Edison T. L. Cuyler



Sept 13<sup>u</sup> 1878

Mr T. A. Edison  
Dear Sir

We are favoured with your letter of  
the 25<sup>th</sup> ult: enclosing a small piece of iridescence  
which has broken short off. Upon more  
careful examination it appears to us that the fine  
black spots or specks distinctly visible upon the surface  
of the fracture are oxide of iron - the iron amalgam  
of which with the alloy would account for its weakness  
as that point - - The fracture being known we  
can readily ascertain it and will give the matter  
our attention - -

We hope to have that success has crowned  
your efforts in the present problem you are so interesting  
working out and that we may soon be all  
benefited by the outcome of your labours in that  
direction -

We are Dear Sir  
Yours faithfully  
Robt. A. Wallace



**VICTOR BISHOP & Co.**  
IMPORTERS,

No 47 Nassau Street,

New York, September 15 1879

Prof. T. A. Edison,

West Rock, N.Y.  
N. J. @ L.S.

We beg to inform  
you that we are Importers of  
Platinum, and should be pleased  
to receive your orders,

Yours very respectfully  
Victor Bishop & Co.  
W. J. Young

What your price for pure platinum.  
large size, say  $\frac{1}{6}$  diameter  
Is it of French or English manufacture

Price

MEMORANDUM

The Singer Manufacturing Co.  
No. 24 UNION SQUARE.  
New York, Sept 15. 1879.

Mr. Tho. A. Edison  
New York City

In compliance with request contained in your  
letter of 8<sup>th</sup> inst, we shipped by Penn RR to your  
address, on 12<sup>th</sup> inst, 1 New Family Machine

Send return mail after making reply

W. J. WILSON, Pres.

C. D. HARPHIS, Secy.

THOMAS M. LEWIS, Treas.



Wilson Sewing Machine Co.

New York Sept 15 1879.

Thomas A. Edison Esq.  
Mento Park N. J.

Dear Sir, We are just in receipt of a  
communication from our Chicago office informing us  
that you desire to get one of our machines for  
the purpose of applying a new motor. If you  
will please inform us whether you want the  
machine, stand, and table complete or only  
the machine or "head" as it is known to the trade  
we will send by express at once

Yours truly  
Wilson Sewing Machine Co.  
Roberts, Manager.

Machine Table Complete  
of the style most in  
use

Brunswick Maine

Sept. 16 1879.

Dear Mr. Edison:

My brother  
wished me to ask  
the question which is asked  
in the letter inclosed,  
about small motors.

C. B. Rathburn with the  
heading is the address.

Yrs. Truly

Francis R. Upston

[ENCLOSURE]

[INCOMPLETE]



Peru, Ind. Sept. 18th 1877

J. A. Tilton Esq.  
Boston Mass.  
418 Broad St.

Dear Sir:

Your 8th. note, having just returned I got through back correspondence. I see Sir. I stayed & had the baby christened.

What I would like to know of your brother Frank is, has Edison a Motor suitable for a Model. What is the M. E. still open to have it adapted to a case to be used in lieu of Standard, if so, what is the thing. I am certain a Company could be found to introduce & offer it. What is the Motor or, I shall be glad to see you. Hope you will soon arrange date for visit. My regards to your family. Should be

[ENCLOSURE]

[INCOMPLETE]

Brunswick Me Sept 16 24  
Per his Sept 17 24  
G R Upton  
C/S Rasthurn  
and letter Sept 18 24

**VICTOR BISHOP & Co.**  
IMPORTERS,

No. 47 Nassau Street,

New York, September 17 1879

Mr. J. A. Edison  
Winds Park N.Y.  
D. C.

Yours of the 16<sup>th</sup> inst.  
is recd and in reply we would say  
we can sell you the platinum of  
size you mention at \$7.50 per oz.  
either of English or French Manuf.  
Awaiting your orders we are,

Yours very respectfully  
Victor Bishop & Co.  
J. J. Young

No. 9 Mechanics Block  
Cleveland Ohio Sept 17<sup>th</sup> 1877

- Edison Esq.

Sir

I see by News papers -  
that you are still experimenting on the  
Electric light. I have also made some  
experiments on Carbons for some time  
and I believe I have succeeded in producing  
one of the best and most durable Carbons ever  
made, they are also excellent Conductors, I have  
sent you by Express to day two samples of  
Carbons. which I would like you to try in  
your lamps, the one not marked is a good  
Carbon and will burn at the rate of  $\frac{1}{2}$  inch per  
hour with an ordinary Current and will cost to  
make about one ~~per~~ cent each same size as -  
sample and 12 inches long, the other sample  
Marked near the bottom with a notch is a very  
hard and durable Carbon a good Conductor and  
will burn at the rate of about one inch per hour

There is no danger of these Carbons getting hot  
or burning your lamps or holders - they will  
cost to Manufacture about  $1\frac{1}{2}$  Cents each same  
size as sample and 12 inches long lasting say  
Eleven or twelve hours this I believe to be the  
cheapest and most durable Carbon ever made  
if your lamps are so constructed as to burn  
these Carbons - please try them and let me  
know the results, and if satisfactory, I will  
sell you the Receipt for making either Carbon  
and if you do purchase I would come to  
your place if you wish and show or instruct  
any one how to make them. I have also an  
Automatic device for shifting the current from  
one set of Carbons to another by this device you  
can have your lamps so constructed to hold  
2 two four or six Carbons - and as soon as  
one Carbon is burnt out the current immediately  
changes to another and so on your lamps  
will burn from 20 to 30 hours - without any  
attention whatever.

Will you kindly oblige me with



an answer within a week if possible  
whether you can do anything with these  
Carbons-

Respectfully Yours  
W. H. Boulton

These carbons are the latest  
that I have ever seen so  
to their burning, I must tell  
But they have been carbon  
in my paper I should have  
at least

W. & WILSON, 1860

C. D. HANFORD, 1867

THOMAS S. LEVINSKY, 1868

PATENTED IN AMERICA  
 BY W. & WILSON  
 MANUFACTURED BY  
 WILSON & WILSON  
 100 NASSAU ST. N.Y.  
 MANUFACTORY  
 GRAND CENTRAL STATION



PATENTED IN AMERICA  
 BY WILSON & WILSON  
 ADDRESS ALL LETTERS TO  
 THEIR  
 MANUFACTORY  
 100 NASSAU ST. N.Y.  
 No. 74,977  
 Is, and always will be, the  
 only one in the world.

**Wilson Sewing Machine Co.**

*New York Sept. 18. 1879.*

*T. A. Edison Esq  
 Menlo Park N.J.*

*Dear Sir. We have this day sent you one  
 of our No 2 Machines as requested. The measure-  
 ments of this are the same as all our New Style  
 machines. When you have done with it please  
 return it to this office by Post and oblige*

*Yours truly  
 Wilson Sewing Machine Co.  
 Robt. Manager.*

Greencastle Ind.  
Sept 25-79  
Prof. J. A. Edison  
Am. & Oct 21

Greencastle, Ind.  
Indiana Asbury University  
Sept. 25, '79

Dr. J. A. Edison,

Merle Park, N. Jersey

Dear Sir -

We want to put a  
good electric light  
Dynamo-machine &  
batteries in the University  
Chapel and perhaps  
in a few other rooms;  
and also have the appa-  
ratus suited for exper-  
iments in the physical  
laboratory. What is the  
least price such a  
machine <sup>always</sup> (your), can be  
put in for:

We have a working  
Physical Laboratory





Private

London Sept 21, 1914  
Dear Sir,  
Received of Mr. J. G. ...  
at Hatfield

Mr. F. A. Edison

Dear Sir

We are favored with your enquiry of the 8th inst. and in reply beg to say that we shall be very pleased to make any arrangement for receiving from you platinum mineral - returning in exchange platinum refined in vapor or direct platinum 20%.

Could give us any idea of the quantities you are looking to work operations upon we shall be the better able to fix our prices - for continuous work your output depend upon our being able to turn out say 4-2000 lb per week upon reasonable notice - in addition to our own work we should be happy to place our services at your disposal for whatever can be done to forward your views in the matter you have in hand & because of your system being well understood here and favored we offer you our best work at special rates.

- We presume that your enquiry has especial reference to the platinum development in the States - you are

I would advise that the mineral found there is  
not equal in quality to the New Granada one and is  
very variable - sometimes ranging as low as 40 off  
3. Platinum content -

Seeing that developments which will naturally  
take some time we should be glad to make arrangements  
with you for all the rest of our regime - and we conceive  
that such a course will be to our mutual advantage  
and facilitate the introduction of your system - ~~the~~  
~~supply~~ are, as you are aware chiefly drawn from the  
Brazil District, and practically we control the production  
from that and all other sources - In all directions we  
have made large advances to encourage and facilitate the  
working of the mines and have ~~an~~ <sup>an</sup> enormous capital so  
looked up - into the way advantages to us by securing a  
market price for bulk of the production - as to supply  
through you ~~we~~ <sup>we</sup> feel secure we are ~~not~~ <sup>not</sup> hampered but of our  
- ~~of~~ <sup>of</sup> ~~the~~ <sup>the</sup> ~~fact~~ <sup>fact</sup> that you are making engines in  
Mexico or elsewhere in our ~~district~~ <sup>district</sup> for large quantities  
nothing we could do would prevent a great use in force  
and we should see platinum up to 50 or 100 per cent  
perhaps within a few months - An increased

decreased for a rental of so limited a production would in any case naturally enhance its value but this is a very different thing to be sure which would follow a competition needless in itself and which could only result in the benefit of the mine owners who are now well enough off through the advances of late years - The principle upon which we have been obliged to operate in those districts and the instructions to our agents are, in the main to pay whatever bona fide price other parties may be offering - but (in order to prevent an undue advance in rates) to allow occasional lots to pass to some of our competitors as otherwise prices would increase considerably - With the exception of the increased loss of capital it does not matter to us whether we pay £1 or £10 for our ton of mineral for we base our selling rate upon an average of our purchase cost but our efforts are ceaseless to keep down prices so far as can be done without undue injury to our interests - Our reasons for transacting with particulars are - 1<sup>st</sup> to convince you that so far as any ordinary requirements on your part we shall be able to meet them - and that we shall be able to do so for

and 20% discount are credit for which can be done -  
to make our number of our credit better for you. Whether you are  
the one who you are doing. Please be a little  
for any I have 1/4 credit for  
to make our number of our credit better for you.

Some advantage program of it is not been  
that a new demand has arisen and that in the  
competition may come - 2/3 to give force to  
the suggestion we are about to make viz that we should  
not agitate our wants in the States where you are  
developing platinum research - and that you should  
confer avoid setting against engineers in Russia which  
can have but the one result of forcing prices upwards.  
If you will leave your interests <sup>here</sup> in our hands we  
can probably protect you for a time at least from any  
rise in price sufficient to affect seriously the economic  
adoption of your system - and we would endeavor  
to buy up such deposits <sup>as exist</sup> in other  
hands on you at a without arousing suspicion if  
no engineers are from set against in your name -  
Moreover should it be known that you are a lawyer  
buyer (you might buy matters) there will advance  
to you or 50% for you - It would therefore be well  
worth while to form a syndicate in time, perhaps  
one or two hundred strong and proceed for the purpose of  
purchasing at a certain time all available metal -  
and if you will let us know what quantity you can absorb  
up to a limit of say 300 pounds of platinum and 1000 lbs





SEWING MACHINE DEPARTMENT.



ILION, N. Y.

E. REMINGTON & SONS,

281 and 283 BROADWAY,

New York, Oct. 1 1879

J. A. Edison Esq  
Central Park. N. Y.

Dear Sir

We sent to you, as indicated  
by yours of 15th ult. a sewing machine  
we hope it will behave to please you. and  
that your motor will also please you. and  
meet a want

Yours truly  
E. Remington & Sons  
New York

Estimated  
 done for  
 the  
 Chief Eng.  
 Chief Asst.  
 Chief Secy.  
 Chief Treas.  
 Chief Eng.  
 Chief Supv.  
 Chief Insp.  
 Chief Mach.  
 Chief Elec.  
 Chief Chem.  
 Chief Pharm.  
 Chief Surg.  
 Chief Dent.  
 Chief Vet.  
 Chief Disb.  
 Chief Quar.  
 Chief Hosp.  
 Chief Secy.  
 Chief Asst.  
 Chief Treas.  
 Chief Eng.  
 Chief Supv.  
 Chief Insp.  
 Chief Mach.  
 Chief Elec.  
 Chief Chem.  
 Chief Pharm.  
 Chief Surg.  
 Chief Dent.  
 Chief Vet.  
 Chief Disb.  
 Chief Quar.  
 Chief Hosp.

# Holly Manufacturing Co.

MANUFACTURERS OF  
**HOLLY'S SYSTEM OF WATER WORKS.**

Lockport, N.Y. Oct 1 1879

Mr. T. A. Edison  
 Melua Park, N. J.

Dear Sir: Please excuse delay  
 in replying to your favor of 5th ultimo,  
 on acc of prolonged absence from  
 town. I am now glad to give the in-  
 formation desired.

No. of Cylinders.	Size of Cyls.	Approx. Price.	Ind. H.P.	Rev. per min.
4,	10x21"	\$5000.	52.	75.
4,	12x22	6000.	69.	70.
4,	14x24	8000.	93.	60.
4,	16x27	10000.	120.	55.
4,	18x30	15000.	174.	50.
4,	21x30	16500.	236.	50.
4,	25x35	20000.	320.	50

Can make larger if desired.  
 Will pleasure 2 lbs. Coal per hour, per Ind. H.P.  
 Respy C. P. Smith Secy

114 Richmond Place

Orsondale

England

Norwich

2nd Oct 1879

Sir

I have before me your favor & shall be glad to hear further from you in reply to my respects of 30 Dec 1878 as to an agency in Africa for your system of Electric Light.

I should be glad if you would give me information as to the smallest machine in use for producing the light & the H required, what would be about the cost of one large enough to introduce the light to the Public.

I am Sir  
Your obediently  
E. Derran

Mr. Thos. A. Edison  
Menlo Park  
New Jersey  
U.S.

3 or 1 Bond Street London <sup>Oct 16/74</sup>  
Newhall St  
4 10 7/8 <sup>Robertson</sup>  
<sub>Nov 2 Oct 17</sub>

Mr. T. A. Edison

Sir

Having seen your reports  
Messrs Brewer & Lown and  
having had a conversation  
with them respecting a supply  
of Platinum I was inclined  
to examine your specification  
and at Practical Man I see how  
I could prepare Platinum in such  
quantity as the cost would be very  
small and I could supply you if you  
could take such quantity has would  
make it worth my while to attend  
to Platinum <sup>with it</sup> as fine has gold leaf  
which would greatly lessen the cost  
as one ounce would extend six  
times has fine as Platinum ore  
has told by Robinson & Muttley another

another advantage would be that  
in the fine state the current could  
not eat it down as it does in the  
ore also a small quantity mixed  
would insure a current but to work  
the ore I could supply you @ 2/9 because  
has fine as gold leaf for cash

Yours Respectfully  
C. Robertson

Refined by Precious Metals

We are compelled to raise our price  
2/9 per ounce in 1/2 pence for 1/2 ounce  
of platinum with gold & fine for the  
large & thick specimens they are  
now being used for contact  
Chicago

2

Oct 5. 77

540 pm

Mrs  
J. A. Edison

How many sixteen  
Candle lights will  
your Machine produce  
Answer immediately

Geo. N. Hopkins

H. H. A.

Hy. G.

No economical  
dist. can be found  
to do more &

PLATINE  
DESMOUTS QUENNESSEN & LE BRUN

35, Rue de Valenciennes  
PARIS LOUVRES  
VIENNE



25, Rue de Valenciennes, Paris

Paris, le 9 October 1879

M<sup>r</sup> J. A. Edison  
New York.

Sir,

Our friend M<sup>r</sup> Hilbrone C. Roosevelt having been good enough to mention your name, otherwise well known to us, as being a large consumer of Platinum, we presume to solicit the favor of your orders; we can supply you with hard or soft Platinum and make Iridis Platinum a speciality.

Our Platinum is highly appreciated in the United States and we feel confident that were you to entrust us with your orders, it would be to our mutual interest, our quotations would be according to quantities required.

Awaiting the favor of your orders,  
We remain, Sir,  
yours obediently  
Desmouts Quenessen & Le Brun

J. S. Taylor: Pres.  
James Jackson, Jr. Vice Pres.  
C. D. Nichols: Secy.  
W. H. Rogers: Treas.  
W. Holly: Consulting Engineer.  
H. P. Bushnell: Superintendent.

# Holly Manufacturing Co.

MANUFACTURERS OF

**HOLLY'S SYSTEM OF WATER WORKS.**

Lockport, N.Y. Oct 13<sup>th</sup> 1879

M. A. Echem Esq  
Melus Park N. J.

Dear Sir—

Please find enclosed photographs  
of our 4 cylinder Compound Pumping  
Engine.

Our engines are more expensive to build  
than the Corlip.

Yours Truly  
J. P. Spruill  
Supt.

any other kind's photos or  
worned like some letter.

W.C. WILSON, 1867  
 PATENTED 1867  
 527 & 529 WABASH STS.  
 CHICAGO, ILL.  
 Sole Mfrs. of Machines for  
 SEWING, CUTTING, STITCHING,  
 MANUFACTORY  
 OF  
 GRANT'S CHROME-PLATE



THOMAS S. LEVINSON, 1867  
 PATENTED 1867  
 CHICAGO, ILL.  
 ADDRESS ALL LETTERS TO  
 THE  
 VALLEY OF THE SEWING MACHINE CO.  
 119  
 In your answer to this letter  
 refer to the address, London.

**Wilson Sewing Machine Co.**

Chicago Ill Oct 21<sup>st</sup> 1879

Thomas A. Edison Esq  
 West Park N.Y.  
 Dear Sir,

Chicago Oct 21 1879  
 Mr. Edison  
 West Park N.Y.

Your letter of the 8<sup>th</sup> ulto was recommended to me in Europe, on the eve of my departure for America, important business prevented me from seeing you before I came west with a view of gaining more information regarding your Electric motor for light machinery especially as to the manner you propose to "put it on the market." Will you be kind enough to advise me by mail? The Wilson and Gibbs Sewing machine is not suitable for making tests because it is a machine of very light parts, and for very light work. A Sewing machine motor should be capable of running the Wilson "Oscillator" at the rate of 800 stitches a minute, through four thicknesses of heavy overall stuff with no 80 six cord cotton



easily, the motor would then have capacity for <sup>driving</sup> sewing machines for every purpose for which they are now used. Should you succeed in perfecting a motor with such capacity that could be sold at a low price, I would like very much to make arrangements with you to control its use for all light machinery in the U.S., Great Britain and France, when I have the proper and unlimited facilities in the way of Branch Offices and agents to push its introduction and sale which I presume would have to be worked only in connection with the electric light machinery,

Yours truly  
W. H. Watson

NP

Cable

Oct 25. 29

9:25 AM

Edison  
Mendota Park N.J.

You have our permission

Matthey

London  
H. F.



Oct 25<sup>th</sup> 1879

Mr T. A. Edison

Dear Sir,

On receipt of your letter of the 14<sup>th</sup> Inst we at once cabled you -

"You have our permission -

please therefore consider yourself quite at liberty to shew and discuss our last letter with those who are specially interested with you in the matter -

We of course would not wish our position with regard to Platinum to be generally known, and we should object to it getting into print or into circulars or newspapers - We shall be most happy - as we have already stated - to be of service to you in this matter, and beg to assure you that you can communicate with us in the strictest confidence -

Yours very faithfully,  
Messrs Matthews & Co

Louisville 27 Oct 1879  
J. A. Edison Esq  
Newark N. J.  
D. J. A.

Your favour of 20 inst.  
has been received, I beg to thank you  
for your suggestion of the Wallace  
Machine.

The Polytechnic Soc. of this city  
with which I am connected brought  
out one of Wallace Machines two  
years ago and tried it; he found it  
unsatisfactory and I know it could  
be improved for steam boat head  
light; I have recommended to  
you two light machines at a cost  
of \$1000 running 1060 revolutions a minute,  
each light (it is claimed) of 2000 candle  
power and automatic Carbon lamp,  
all costing about \$700.

A prominent steamboat engineer  
expresses to adopt some foreign  
the purpose mentioned to you. Please  
hear the matter in mind and if you  
have anything to offer communicate  
to me as soon as convenient.

Again thanking you for your polite  
answer  
Yours truly  
J. N. Healy

— enc —

Wm. A. Edison Esq  
Madison Park, N. Y.  
Dear Sir,

Oct 27/79

Original size  
on with 3 copies as is

Referring to your new Dynamo. Elec-  
tric machine illustrated in Sci. American Oct 18<sup>th</sup>.  
I wish to construct a machine for experimental  
purposes of about the same dimensions &  
Capacity of your machine, ie the Field Mag-  
nets 6 in diameter & 3 feet long. but I wish  
to use the Siemens Armature will you be  
kind enough to advise me about how much  
& what size of wire to use on armature  
also best size & length of armature. will  
use 3 layers of No 10 (English Gauge) wire  
on field magnets - would such a  
machine give good results? by giving  
me the above information you will greatly  
oblige -

Yours Truly,  
L. G. Hawley  
Meydow,  
St Joseph Co.  
Michigan

London Village  
New Hampshire  
(Merrimack County)

Mr. Edison,

Apr 28, 1879

Sir:- I am the press agent  
of the "Greatest Show on Earth" - we are going  
to illuminate it, inside, and outside, with your  
famous "Electric Light." I want to procure  
some illustrations <sup>for</sup> to advertise the light,  
- we propose to have engraved a one or two  
large show bills, (40 feet in length and 10  
in height) and also some cuts for news-  
papers, - I have hunted high and low  
but can find nothing. As a dernier  
resort, I thought I would write you, and  
ask if you could not send me a  
few illustrations of the Electric Light  
showing the machinery, the light, &c, &c,  
or refer me to some work that con-  
tained them. If you have no objections,  
~~and~~ we would, if we had a design  
illustrate the light as seen in the  
Laboratory of the discoverer.

Of course, with us, we use it  
as an advertising feature, and as we  
visit all sections of the country, and  
deal not with acquirists, but the masses,  
our efforts would indirectly benefit  
you, by popularizing the inven-  
tion with the masses.

If it is not trespassing

too much upon your time, would  
you please give this matter  
your favorable considera-  
tion.

Truly Yours,

"Fred Lawrence,  
"London Village,  
"Clemmick County,  
"New Hampshire"

London, N.H. Oct 20/94  
Jas Lawrence  
and Oct 25

Cambridge Mass  
Nov 4/79  
Prof Geo Troubridge  
Newnes

Cambridge

Nov 4 1879

Dear Sir. I regret that I could not  
reply before. An account of the  
Siemens machine I used  
is contained in the report  
of the U.S. Naval Department  
for 1876. The machine was  
obtained in that year. It is  
of the Heffner <sup>alternator</sup> ~~alternator~~  
pattern. built by Siemens  
Brothers of London.  
The best description of  
this pattern as well as other  
Dynamo machines is contained  
in a recent German work on  
Dynamo Electric machines.  
Unfortunately my copy is not at



land & I have forgotten the  
exact title. Van Nostrand  
I think has it. It has not  
been translated into English yet.  
The various patterns of Siemens  
& Gramme machines are  
all described there.

The Siemens I used  
did not have the latest form  
of armature. The ~~to~~bits  
of wire revolved. While the  
iron core of the armature  
remained stationary in the  
magnetic field. I understood  
that Siemens now revolves  
both core & wire.

If you have not the  
book I refer to - I will  
send you the title.  
Very sincerely  
John Smith

1 Norman Green  
Presdt

Nov 4 79

WU Tel

Can you detail two  
line men to erect  
my wires here for  
light <sup>exhibition</sup> ~~experiment~~  
Some time this week  
my expense, ~~shall~~  
~~require~~

J A Edison

20 ~~DX~~ - 1057m  
9 K10

Nov 5, 1879

3 PM

3 NY 5<sup>th</sup>

T Edison

Have requested  
Merrihew to furnish  
you two linemen  
Confer with him

Jno Van Horn

11 DX

Nov 7 .79

230

Phila  
Prof Edison M.P.

Mr. Taintome wires me you  
want two linemen this week  
Please wire me when you are  
ready

J. Merrihue  
Supt

For Monday morning  
How can I get 6  
old poles,

Paul

330

1 Philadelphia  
Nov 8  
Prof J. A. Edison  
M.S.

I will send the  
men on Monday  
but know where  
you can get the  
old poles our  
men report none  
in your neighborhood

J. Merrihue  
Supt

*S. S. Thayer, Pres*  
*James Jackson, Jr., Vice Pres*  
*C. F. Kilditch, Secretary*  
*W. D. Thayer, Treasurer*  
*W. Holly, Consulting Engineer*  
*H. S. Washell, Superintendent*

# Holly Manufacturing Co.

MANUFACTURERS OF

**HOLLY'S SYSTEM OF WATER WORKS.**

Lockport, N. Y. Nov. 13, 1879.

J. A. Edison Esq  
Melua Park N. J.

Sir: This Company proposes  
to furnish you one or more of Holly's four  
cylinder steam engines, (the same as have  
been described to you before) as follows:

Dimensions of each cylinder 16" dia. x 27" stroke.

Cutoff steam at  $\frac{1}{4}$  stroke, or less.

Coal per hour, per horse power,  $3\frac{1}{2}$  pounds.

Capacity of the four cylinders combined - 250 H.P.

Price set up ready for use in New York - \$9500. =

Freight, cartage & handling included.

Boilers & foundations not included.

Respectfully,  
C. F. Kilditch  
Secretary.

New York Hotel <sup>S. F. L. Oliver</sup>  
Nov 20 1879 <sup>and Nov 22 19</sup>

Dear Sir  
I am here  
in New York for a few  
days and would like  
to call and see you  
Will you by a note  
inform me at what  
time I will see you  
for a half hour talk  
If you will mention  
two or three days  
when I might see you  
it will suit me best  
as I will then select  
the time, so as to

avoid interference  
with my business  
here. Please write  
or telegraph me to  
the New York Hotel  
in this city if you

Yours truly  
T. L. Clingman  
Mr. J. A. Edison

<sup>Am. Mfg. Co. Hall</sup>  
New York Nov. 20  
234 Broadway.  
Prof. Edison -  
Dear Sir -  
Your letter was  
received and read with  
interest. It is presumed you  
will announce through  
the press definitely the  
date of your exhibition  
of the electric light.  
I shall take great in-  
terest to one of the  
spectations. I hope you  
may make it a com-  
plete success.

I do not question in interest of your  
your proper right to great Company than  
secure the credit of for an imperfect de-  
the "Edison Electric vice for skimming to  
Lights" as a system be used when a better  
but would it not one was publicly  
be wise to secure announced. Such  
the best improvements are certain is the  
(those which are self fact as to the mag-  
evidently such like netostat described  
my Magnetostat) and in my patent as  
absorb them into your compared with the  
General Plan. It the most static price  
would assuredly be ceple in its best  
more to the credit and possible application



You no doubt understand your own interests but it really seems to me you can hardly afford to neglect to incorporate into your system a device so manifestly advantageous as this magnetostat and thus leave it for some opposition party. Yours Sincerely  
A. Wilford Hall

J. F. Playlors Pres  
James Jackson, Jr. Vice Pres  
C. B. Hildreth, Secy.  
W. M. Hughes, Treas.  
W. Holly, Consulting Engineer  
H. F. Inskill, Superintendent

# Holly Manufacturing Co.

MANUFACTURERS OF

**HOLLY'S SYSTEM OF WATER WORKS.**

Lockport, N.Y. Nov 28 1879.

T. A. Edison Esq  
Melrose Park, N.J.  
Order No of 17<sup>th</sup> came here  
while I was out of town. I now  
hasten to reply.

The same Engines can be supplied  
with apparatus so it can be worked  
as a condensing Engine, at an  
additional cost of ten per cent on  
the price given in my letter of 15<sup>th</sup>, and  
will require about 15 per cent less  
fuel.

Our President will be in New York  
next week & may come over to see  
you

Respectfully  
Yours  
W. Holly

J. F. Hughes, Pres.  
James Goodenough, Vice Pres.  
C. B. Pillsbury, Secretary.  
W. H. Bagley, Treasurer.  
W. H. Holly, Consulting Engineer.  
H. F. Siskill, Superintendent.

Holly Manufacturing Co.

MANUFACTURERS OF

HOLLY'S SYSTEM OF WATER WORKS.

Lockport, N.Y. Dec 2 1879

H. C. Griffin  
Newark, N.J.

Dear Sir,

I suppose you are so busy that you have very little time to answer letters. Please take time to answer this at once.

Mr Siskill is having designs made of the 5 Engines and other apparatus in foreign in your New York station and he desires a cut or drawing of the Governor so that he can represent them in position in his drawings - I shall have these drawings ready for you about the 10<sup>th</sup> and see you at Newark about that time - Mr Edison said he wished to

J. S. Thompson, Pres.  
James Smith, Secy. & Treas.  
W. E. Matthews, Secy.  
W. D. Stephens, Treas.  
W. D. Holly, Consulting Engineer.  
W. F. Washburn, Superintendent.

Holly Manufacturing Co.

MANUFACTURERS OF

HOLLY'S SYSTEM OF WATERWORKS.

Lockport, N.Y. \_\_\_\_\_ 187

See Mr Holly again - I wish it were  
the best for Mr Holly & Mr Eastell to  
go on with our next work? Can  
Mr Edison see them either the 10<sup>th</sup>  
or 12<sup>th</sup>? If so let me know at once.

The Holly Co have 11 large engines  
to build from June 1<sup>st</sup> and expect  
they have bid in some more they  
will get. It is advisable to  
decide this matter at the earliest  
possible date.

Remember me to Mr Edison, and  
write me if there is anything I can  
do for you.

Yours Respectfully  
Wm Van Hook

J. B. Bayless, Pres.  
James H. Brown, Secy.  
W. B. Hilditch, Treasr.  
W. M. Bayless, Engineer.  
W. D. Holly, Consulting Engineer.  
W. R. Gaskill, Superintendent.

# Holly Manufacturing Co.

MANUFACTURERS OF

**HOLLY'S SYSTEM OF WATER WORKS.**

Lockport, N.Y. Dec 6, 1879

J. M. Edison Esq.

Dear Sir:

I wrote you several days ago asking for a cut of your plan which shows the cut & represent them in the plans or diagrams we are making for you of our engine in position in your new water station - Not having rec<sup>d</sup> them we had some the best we could with the aid of the Scientific American of Feb 18<sup>th</sup> - I wish you would telegraph me on receipt of this whether it will be convenient for you to see Mr Holly & Gaskill and have a conference with them on Thursday or Friday - They do not wish to take the journey unless you can give them a few hours talk

& let them explain to you the results  
of their investigation since they saw  
you - If you will kindly telegraph  
to the "Holly Manf. Co." at once on  
receipt of this you will greatly  
oblige them and also

Yours Truly  
D. Van Hook  
For Holly Co.

Robert M. Lee, III  
15 Bankers Bldg  
washed  
repacked



of the platinum or all the coil  
in fact could be dispensed with.  
at a great saving of costs.

I am here interesting if it were practica-  
ble to get a patent for that mode,  
but accidentally learned while exami-  
ning the subject that another  
person had a patent which would  
probably cover the case. It seems  
to me that a large amount of zinc  
could be used in this way, and that  
your discovery of a cheap mode of  
extracting it will be remunerative  
to you. I expect to remain here  
for some time and would be pleased  
to hear from you at any time.

Mr. J. A. Edison

Can be used in  
any way you wish  
Yours truly,  
J. L. Thompson



Phil. Delphi, Dec. 7, 1879.  
530 Locust Street

Wm. H. A. Edison  
L. 2. 2

Dear Sir,

Meanwhile I crave permission to present my congratulations for your new discovery in Electric Light. I take the liberty to express the desire to be present to the first public experiments, Hemmengers affairs will take place about Christmas, and to obtain an invitation if needed.

And if convenient, I will, also, be honored by your permission to visit your Laboratory.

With great respects,

I have the honor,

Yours truly, Wm. H. A. Edison

Your Most Obed. Serv.

My Missus takes  
pleasure to  
assist in  
the  
of  
before  
I  
will see notice  
in NY Herald

OFFICE HOURS:  
8 to 9 A. M., 1 to 3 and 6 to 7 P. M.  
Sundays, 1 to 3 only.

OFFICE OF  
DAVID INGLIS, M. D.  
21 State Street, opp. High School.

Explain to me in complete  
writing how ~~not~~ <sup>best</sup> ~~calculated~~  
hours Detroit 12/10/79

Prof. Edison Grand Park N. J.

Dear Sir

My dwelling is  
lighted by twelve gas fixtures  
but three electrical lights  
could be so arranged as to  
give adequate illumination if  
of say four gas burner power  
each - Can you supply me  
with the necessary apparatus,  
including of course a generator.  
The house is heated by steam  
from the Steam supply company

thus allowing me to have a  
constant steam power to run  
the generator. If your new  
lights are of only the illum-  
inating power of a single gas  
burner I would wish to have  
12 to 15 of them - Please let  
me know if you can supply  
me and at what cost exactly,  
or approximately

Respectfully Yours  
David Inglis

14/10/71  
David Inglis

LIGHT

AMERICAN GAS FUEL AND LIGHT CO.

HEAT

18 AND 19 PARK ROW.

M. H. STROMB, Pres't.  
W. B. BUCK, Sec'y and Treas.  
J. S. FERRISS, Eng'rs

New York, Dec 10<sup>th</sup> 1879

G. A. Edison

Dear Sir,

Had an interview with your Secy Goddard. He said they did not need Agents, that your C.L. would be of such immense advantage that it would really sell its self, in other words "children would cry for it". I told him that this was far from my sixteen years experience in the business of introducing good improvements to the public.

I showed him an article in the Sun of Nov 28/79 asking him if the statements there were facts, he said they were, I would ask you the same question & if they are facts & I understood the meaning, I may not let us figure a moment. 70 H.P. will generate 1000 light each of 16 candle Power = 25-60 C.P. or one H.P. 64 C.P. allowing your own figures for cost of one H.P. per hour if you get 64 C.P. for 17 per hour or one C.P. for \$ .0012-625.

Now tell what we are doing with Water for 1000 cub.

ft. Jol 35<sup>t</sup> which is equal to 4000 C.P. as our  
gas burned in a 5 ft. engine gives 20 C.P. 8/1000 =  
200 x 20 = 4000 C.P. Jol 35<sup>t</sup> at one C.P. Jol  
\$0.0000885;

As I said before I may not understand the  
matter, please let me hear from you, shall  
be detained here a few days longer,  
Yours truly

J. M. Harrison

14  
W. C. C. 10  
H. M. P. 10  
W. C. C. 10  
H. M. P. 10

*[Faint, mostly illegible handwritten text follows, including phrases like "made up by the reporter", "got into the gas jets", and "you are interested in..."]*

VULCANIZED FIBRE  
WASHERS,

FOR RAILROAD TRACK BOLTS, CAR  
BOXES, GARRAGE AXLES, ETC.  
FRICTION COCKS AND  
GENERAL MECHANICAL PURPOSES,  
PACKINGS FOR SURFACE CONDENSERS  
HOT AND COLD WATER, ETC.,  
HOVING CANS, BOXES AND BASKETS  
FOR OYSTER MEAS.

C. A. RODNEY, President.

FRANK TAYLOR, Treas. and Sec'y.

OFFICE OF

Vulcanized Fibre Company,

SOLE MANUFACTURERS OF

HARD & FLEXIBLE VULCANIZED FIBRE.

Tenth and Walnut Streets,

Wilmington, Del., Dec 12 1879

Mr. Thomas A. Edison

Dear Sir

As you have had by this time some  
experience in the use of our Vulcanized Fibre for  
for electrical and possibly other purposes it would  
give me much pleasure to know your opinion  
of its such applications as you have tried.

I should also be glad to know whether in your  
opinion it can be improved and in what respect.

Very truly Yours  
C. A. Rodney

We like Vulcanized fibre very  
much in electrical  
work and use a larger  
quantity of it than Vulcanized  
Rubber

OK

Dec 16/99

When you make your public (or private) exhibition of the Electric Light, please don't fail to send me an invitation, as I am your Law printer!

I am now printing some papers for you - for Mr. Scovell atty - Wm. S. Smith

No 2

FROM THE LABORATORY OF  
T. A. EDISON,  
MENLO PARK, N. J.  
U. S. A.

Dec 17th 1879

Phono.

London —

Exhibition ready, capitalist  
won't allow it until about  
New Year

T. A. Edison



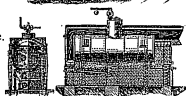
Edward P. Hampson,  
STEAM ENGINES AND BOILERS,

WOOD AND IRON WORKING MACHINERY,

SAW MILLS,

Grain Mills, Hoisting Engines, Etc.

91 Liberty Street.



New York, Dec. 19 1879.

J. A. Edison Esq.

Menlo Park N.J.

Dear Sir: I have frequent inquiries about when you will probably be ready with your Electric light, and just at present Mr. C. C. Warren a prominent manufacturer of Toledo Ohio, whom I fitted up with Engine No 40, ~~is~~ wants to find out if any arrangement could be made between you, for the lighting of 2 or 3 Western towns, and information you wish to give please send to me, as he is not here; I suppose you are about ready now to think about plans for your 1000 H.P. Engines & Boilers, let me hear from you soon as you can, as I have been waiting for a chance on this for some time - I think I can fix you out as well & as cheaply as any one for 1<sup>st</sup> class job. - awaiting your reply I remain  
Yrs truly  
Ed. P. Hampson.



Gold & Stock Telegraph Company,

Western Union Building,

New York, Dec 19 1879

P.O. Box 4885

Robert Grant, President,

George Walker, Vice Pres.

Geo. B. Russell, Secy.

James B. Smith, Treas.

J A Edison Esq  
Dr Sir

A friend of mine @ now at Wilmington NC asks me to

"Please write or see Mr Edison & find out for me

1<sup>st</sup> what he will furnish his platinum burner for - giving light equal to a 3-foot gas jet."

2<sup>nd</sup> what will he furnish a generator for sufficiently strong to produce such a light?"

3<sup>rd</sup> How much power will be required to drive such a machine & "

2  
Please do your best for my  
friend - If he succeeds in  
what he is trying to do  
he will want some hundreds  
& perhaps more -

I do not know how far  
you have advanced with  
your light but I believe  
it is only a question  
of time & I hope that you  
have now what will fill  
my friend's wants

Yours  
G. D. Ludwig  
Jr

99½ Tremont St  
Boston Mass  
Dec 22 1879

Friend Colson

Asbestos has <sup>Reading</sup>  
no Carbon in it  
A description of your, New.  
The perfected Electric Lamp  
last Evening in the Boston Her  
ald. Instead of using paper  
for partial Conductor. I would  
Suggest the use of Some Comp-  
ound of Asbestos, or Asbestos  
felt, cloth, or paper. as it may  
be when Carbonized, more Tenacious  
and consequently more Durable  
I remain your Well wisher and  
Sincere Friend L. A. Plumb

E. B. Hammer  
a receipt

Pittsburgh, Pa. Dec. 22<sup>d</sup> 1899  
Wm. Edison  
Menlo Park, N.J.  
D. Cii.

Noting an article  
on the electric light stating that you  
had succeeded in perfecting your in-  
vention by using carbonized paper,  
I thought that perhaps "Leatheroid"  
would be still better, and thought I  
would send you a sample to try  
it.

Leatheroid is composed of  
vegetable fiber, chemically treated and  
rolled into sheets or other forms under  
pressure. It being more compact than  
paper or pasteboard I would judge  
that it would answer the purpose.  
over

I would like to have  
you give it a trial and if suc-  
cessfull let me hear from you.

Yours truly  
W. S. Ketchum.

Port, St.

Leatheroid is an excellent  
non-conductor of electricity.

This seems to be  
analogous to Vulcanized  
Fibre. There is too much  
ask in it for my  
purpose, but will  
try it

New York Dec 23/79

Professor Edison Dear Sir

Feeling deeply interested in your  
Success with your Electric Lamp  
or Light, it occurred to me had  
you tried the Mineral Talc or  
had you overlooked it when a  
boy I remember taking it from the  
Siem of a rock and trying to burn  
it for hours on the Stone, but did  
not succeed

Truly Yours admirer

Geo H Lyon  
30 South St

N.Y. City

Talc is a non conductor  
of electricity  
hence inapplicable

Not found

Hartford Conn

Dec 23<sup>d</sup> 1879

Mr Edison

Dear Sir

While reading  
an article published in the New Herald  
of 21<sup>st</sup> inst it occurred to me that  
charging the globe with carbonic acid  
gas (C O<sub>2</sub>) might simplify it.

If the idea is of any value  
you are welcome to it

Yours Res<sup>t</sup>

D. S. Southton

Mr. Edison  
St. Louis Dec 23<sup>rd</sup> 1877

Sir: Having seen by the papers that you require a perfect vacuum for your lamps, I thought it well to let you know that there has been a mercury pump invented and patented in the U. S. by another man and myself, some few years ago. The pump was thoroughly and repeatedly tried and found to make a perfect vacuum on an 8 foot vacuum pan in from 12 to 15 minutes according to the speed of <sup>the</sup> pump. There is no lifting of the mercury <sup>pressure of air except</sup> column, very little friction. The pump is a rotary one, made of pipe the vacuum it formed was compared every day with a mercurial barometer so that there can be no mistake about the amount of vacuum formed. If you have any wish for such a pump, let me know

I am yours  
truly  
J. Dyle  
205 Washington St.

Hoboken Dec 13/21  
J. Dull  
a. D. C. M.

there never has been a  
vacuum prod in this country  
that approached any other  
near vac wh is necessary  
for meta prodial

we prod a vacuum in 3 minutes  
wh when the mercury gauge  
becomes useless as a measure  
for such rarifications we  
continue an hour after  
and measure by what  
is called the Lead gauge

Abstract



Day sample too thick  
should be  $\frac{1}{4}$  inch  
of each. Dec. 27/1899

If the reports in paper  
are correct, that you use paper  
or cardboard for the Carbon for  
your Electric light it has occurred  
to me that possibly the substance  
enclosed, may give you better results.  
This is a piece of wood pulp board,  
we think are no chemicals of  
any nature. If you wish to try  
this (or a larger piece) I shall  
be glad to lend it, I will let  
you know the result. I will  
thank you. If suitable, I shall  
be glad to make an arrangement  
with you for a sample.

Yours truly  
W. S. Woodward

Prof. F. A. Edison  
Menlo Park

Reproduced per Payson Jones Mar 15, 1991

13 First Street  
Boston, 27<sup>th</sup> Dec. 77

Thomas A Edison Esq  
Menlo Park  
N. J.

Dear Sir

Since I had the  
pleasure, as one of the  
party on Tuesday evening  
last, of seeing you, I  
have thought much  
of your wonderful light,  
and of all that through  
your kindness, I saw.

As usual, had even,  
me, on such occasions,  
is very apt to forget  
a part of what he  
wishes to say - and, if

therefore you can spare  
a moment to answer me  
to two questions, I shall  
esteem it a great  
favor.

1<sup>st</sup>. From the experience  
that you have had  
thus far, or from your  
knowledge as a scientific  
man, is there any  
doubt as to the impossibility  
of the carbon with 21

no change after 207 hours burning  
in 11 1/2 inches diameter how it can be destroyed  
that the expansion &  
contraction, consequent upon  
the heat generated, will  
eventually destroy the  
glass globe, & thereby admit  
the atmosphere to the  
destruction of the carbon?  
2<sup>d</sup>. Expansion of carbon is slow, this is a  
fact. But is there any  
limit to the life

of the carbon wick,  
Either from inherent causes,  
or from those mentioned  
in my second report,  
what provision, if any,  
is necessary to overcome  
this difficulty? Can  
fresh lamps, with new  
Carbon wick, be substituted?

Yours very truly

Jacob Rogers

R.R.

I am a personal  
friend of Mr. Fabricius,  
and a stockholder of

Your Company J.R.

necessary be kept in hand  
like chimneys and placed in  
the sockets. we have a new socket  
so a ched can replace a lamp.

It is these points that we  
are determining so far.  
there are 21 lamps that  
have burned 152 hours  
without change and 3  
lamps 208 hours without  
change. 2 lamps cracked  
in 20 minutes after being  
connected, due to not be  
uncalled. 1 lamp  
had its Carbon broken  
at clamp and 1 lamp  
which the Carbon  
broke in center probably  
due to flaw; that the  
record so far ~~we~~ <sup>the men</sup> have  
not reached perfection in  
making the lamps yet. Extra  
lamps 6 or 7 ~~they~~ if found

P. A. DOWD,

Telegraph and Telephone Line Constructor,

UNDER GROUND CABLES.

The Improved Telephones, Gravity and French Batteries. Electric Bells, Annunciators.  
Watchman's Clocks, Burglar Alarms, Etc., Etc.

APPLICATION OF ELECTRICITY TO MECHANISM.

53 SUMMER STREET, BOSTON.

<sup>th</sup>  
Boston Dec 27<sup>th</sup> 1879

Friend Edison

I presume you are kept well posted on on the various opinions of the Edison Electric light as discussed in this city, but situated as I am, I get a great deal of what the public think of the matter

In the first place the question asked by everybody is, is the electric light really a practical thing?, has anybody ever seen it?, is it possible to divide the current so as to supply a considerable number of lights?, and a hundred other questions relating to your remarkable invention,

I venture to say that little of anything else, comparatively speaking, has been talked about in this city during the last week, and there is no abatement yet,

**P. A. DOWD,**

**Telegraph and Telephone Line Constructor,**

UNDER GROUND CABLES,

The Improved Telephone, Gravity and French Batteries, Electric Bells, Annunciators,  
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**APPLICATION OF ELECTRICITY TO MECHANISM.**

53 SUMMER STREET, BOSTON.

That you may get some idea of how the public are affected by this matter I will say to you that not only at my office, but wherever I go down town I am met by somebody or other who want to know what I think about your light.

Well, as you know, I am not in a position to tell anybody much of anything of my own knowledge, but they think because I happen to be well known in connection with the introduction of several electrical enterprises hereabouts that as a matter of course, I must be well acquainted with the progress of the Edison light. I have said to these people that they may quiet their minds about this subject, that the Edison light is a fact and that the next thing to be considered is, the most practical way of giving it to the public.

P. A. DOWD,

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APPLICATION OF ELECTRICITY TO MECHANISM.

53 SUMMER STREET, BOSTON.

Not the least interesting part of this experiment is the "chattering" of the electricians, of course you know that we have two crops a year at least, but the present season being an unusually promising one the yield is simply immense, the grown-up ones of this species have laid siege to the newspapers and the way in which they air their knowledge is quite refreshing, believing that you have seen in the papers as much of this sort of gushing as you desire to, I will not give you any sample of it here.

but the young ones of this species are truly an interesting set, each one is a "genius", he can do anything in the electrical line, and whenever a good thing is produced, they invariably express themselves like unto this, "There it goes again, that son of a gun has got the start of me," "that is as my idea exactly, I have a drawing in my desk somewhere of the same thing" the magnitude

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*H* APPLICATION OF ELECTRICITY TO MECHANISM.

53 SUMMER STREET, BOSTON.

if any invention is never so great as to  
prevent these little fellows from rushing  
in with their chronic expression of  
"there it goes again etc, etc."

Friend E. I trust that you won't con-  
sider this communication an intrusion on your  
valuable time, except my hearty good will for  
the success of all your enterprises, and if  
I can in any way make myself useful to you  
in Boston, just let me know it, and you  
will find me ready and willing

Sometime when you have an opportunity,  
I will be delighted to hear from you

Very Truly yours  
P. A. Dowd

SWARTHMORE COLLEGE

we work the  
Lamps in Muller's  
wire coils  
My dear Mr. Edison:

SWARTHMORE, DEL. CO. PA.

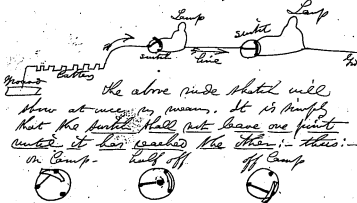
No. 27 1899.

Thurs. My friend  
Henry Buckley I seem to know a good deal  
of the, and of his work. I have lately  
seen an account of his latest inventions  
in the N.Y. Herald, in which I have  
been deeply interested. I think that we  
are, at least, on the eve of the great  
development of the true means of creating  
artificial light for domestic and all  
purposes - I suppose the best thought  
of all the best ways of securing the  
results aimed at, and yet the simplest  
things possible, always as when we are  
searching for greater. Hence I would to  
suggest a means of switching in and out  
the separate lights, without working the  
circuit - a result which seems desirable,  
themselves, when many lights are in one  
wire, all might be permanently dimmed  
any time a switch was changed. I  
append a crude sketch to show what  
I mean, more clear than by words. All  
this may be very rudimentary and quite  
useless to thee - and if there is nothing  
in it at all show it aside; or then

SWARTHMORE COLLEGE,  
SWARTHMORE, DEL. CO. PA.

No. 188

last switches, done with thousands  
of the communications from all times -



The above crude sketch will  
show at once my means. It is simply  
that the further Hall will leave one point  
until it has reached the other; this:  
on Camp - half off off Camp

Stand on the folly of so simple a  
neglecting, it can do no harm to  
and the - and if no good is done. I  
Hall, as best, have offered to contribute  
my very small note toward the great  
results, the all await the results of  
the recent inventing, others just great hanging.  
Next year we ought to see light turned on  
and off without patches, as simply as  
printed is now - the grand

Rich. Magill, President.





P.O. BOX 4327.

Mrs. A. Edison Esq.

Dr. Sir,

Yours of 30th inst. is at hand.  
Many thanks for your invitation to visit you.  
I shall be pleased to go to Meads Park  
on Saturday Evening next with two of  
my colleagues officials of this Company

Very truly yours  
E. J. Prévost



Wednesday

My Office, I send you  
an accurate statement  
of the cost of lighting  
a large hotel, using  
2000 lights, by electric  
light. It is based on  
Edison's assertion that  
he can get six lights  
to each horse power.

You will see that  
it seems to prove that  
electricity is much  
more costly ~~than~~ than  
gas, when I say that  
the Municipal Co. would  
contract to supply the  
hotel for \$9000 a year.

I also enclose an  
article on the divisibility  
of the electric light which  
is interesting.

Yrs. Ever  
Maklon Sambs

I trust that you will get a reply  
out of Edison to the statement  
enclosed.

Cost of 300 h p engine	\$22,500 <sup>00</sup>	
Interest on investment at 6%		\$1350.
depreciation 10%		\$2250.
coal 2¢ per hour per h p for 18 hours a day 2000 tons at \$2 <sup>00</sup>		\$5000.
2 engineers at \$100. per month		\$2400.
2 helpers at \$1 <sup>00</sup> per day day		\$1000.
4 firemen " " " "		\$2000
oil waste 2¢ \$2 <sup>00</sup> per day		700
		<u>\$14700.</u>

no estimate for belting.

The estimate for coal is very low; few engines use less than 3 lbs of coal per hour for each h.p.  
for lighting hotels or dwellings two engines would be required in case of accidents

7500 - Boiler  
3270  
15750

365  
100  
36500  
100,000 feet  
2000  
20000  
365  
36500  
180  
365  
2020  
365  
5600

The total cost of plant as compared  
with gas will be less, how  
much less it will be impossible  
to say as the system is still  
being perfected =

~~Your comparison is not~~

The Cost of producing  
a number of lights equal  
to gas jets will certainly  
be 3 times lower than  
the cost of gas in Paris,  
it will vary with the  
Countries, where Gas Coal  
is dear & common Coal  
Cheap -

of a c

**1879. Electric Light - Edison Electric Light Company (D-79-020)**

This folder contains correspondence, reports, and other documents relating to the business of the Edison Electric Light Company. This company was established in late 1878 to provide Edison with funds for his experiments in electric lighting, in return for control of any patents that he might receive in this field. Much of the correspondence is by Calvin Goddard, secretary of the company.

All the documents have been filmed except for duplicate copies of correspondence.

THE EDISON ELECTRIC LIGHT CO.,

8 BROAD STREET,

NEW YORK, N. Y.  
R. M. GALLAGHER, V. PRES.  
H. F. FARRIS, TREAS.  
C. GOODRICH, SECTY.

New York,

July 3<sup>rd</sup> 1879

S. H. Griffen Esq

Dear Sir:

Drexel Morgan & Co's  
Cashier tells me that he  
made an error in payment  
of your statement \$707.<sup>50</sup>  
Having given you  
a cheque for \$223.28  
and Cash for \$524.22  
making together \$747.<sup>50</sup>  
an overpayment of \$40.

Please send me check  
for the amount that I may  
return it to him. He will  
charge the statement at the  
Correct amount and hold  
mem<sup>o</sup> for the \$40 until I  
hear from you.

Yours truly,  
C. Goodrich

NY June 29 1944 (to 44)

Clodars

Regarding our payment  
of statement \$40

June 4<sup>th</sup> 1944

Sent check to NY June 7<sup>th</sup> 1944



Paid Dr. C. O. Soulages duties  
on Gramme Machine loaned  
to the Company \$ 140.

June 6th 1879

Learned  
by C. O. Soulages  
James H. Perkins

Copy

The Edison Electric Illuminating  
Company of New York  
65 Fifth Avenue

New York:

188

THE EDISON ELECTRIC LIGHT CO.,  
8 BROAD STREET,

EDWIN LILIAN, Pres.  
E. W. GALAPAY, V. Pres.  
E. F. FARNS, Treas.  
C. GREENMAN, Sec'y

New York, January 9<sup>th</sup> 1879

J. L. Griffin Esq  
Dear Sir

Yours of 6<sup>th</sup> inst  
inclosing cheque \$40 in  
correction of error of  
Drexel M & Co as advised  
in mine of 3<sup>d</sup> came  
to hand this morning  
& I have handed the  
cheque to D M & Co's  
Cashier

Yours truly  
C. Greenman Sec'y

THE EDISON ELECTRIC LIGHT CO.,

8 BROAD STREET,

HEATH GREEN, ILL.  
R. H. GALLAGHER, V. PRES.  
E. P. FARRIS, TREAS.  
C. H. BROWN, MGR.

New York,

January 7<sup>th</sup> 1879

J. A. Edison Esq

Dear Sir:

I enclose B/L  
for Gramme Machine  
shipped today to your  
address per R.R. freight

Yours truly

W. S. Edwards

THE EDISON ELECTRIC LIGHT CO.,  
3 BROAD STREET.

NOVAT GREEN, Pres.  
R. H. GALLAGHER, V. Pres.  
E. C. PARSONS, Treas.  
C. GOODRICH, Secy.

New York,

Jan 7<sup>th</sup> 1879

Thomas A. Edison

Dear Sir:

I enclose the papers  
regarding the engine & boiler  
of which I spoke to you  
yesterday. I showed them  
to Mr. Edison today & he  
thinks with me that it  
will be well for you ~~and~~  
Mr. Dutcher to look into  
the merits of Mr. Perry's  
claims. If he can do  
what he says it will of  
course be a great thing  
for us.

Very truly yours

C. Goodrich Secy

# Patent High & Low Pressure Engine Compounded in one Cylinder Advantages

1<sup>st</sup> Will not require more than one half the Steam as compared with other Engines, & therefore requires but one half the Coal & water to run it =

Thus the Mode of Action is the same as any other Compounded Engine (such an one now so widely known in all leading Steamers; the Steam however is compounded in one Engine Cylinder, instead of two, as is the case with those referred to, whereby all the extra Radiation of Heat, friction, complications, liability to get out of order, alignment - the one with the other, and, too, the extra Cylinder are all avoided, & many other complications are all saved and much Steam economy is thereby.

2<sup>d</sup> - Is the simplest Compounded Piston Engine known!

3<sup>d</sup> - Is more compact than any other Engine

4<sup>th</sup> - As it has fewer parts to get out of order, it follows it will be far less liable to derangement.

5 Is self contained; that is to say

not liable to get out of line, as guides, cross-heads &c., &c., are all dispensed with.

6<sup>th</sup> — Its peculiar metallic steam packing will far out wear any other known

7<sup>th</sup> — This Engine must, from its arrangement, far outlast any other.

8<sup>th</sup> — One half the Boiler, usually required will be ample for this Engine = Thus economy of Fuel, Water, Weight, Space, Repairs, Attendance + durability are all secured.

### Adaptation of this Engine Important

We will remove the Cylinders + valve gear, of a common Engine — retaining the remainder of the Engine + guarantee the performance as when

All the common Engines — including Land + Marine can be altered into the above Engines at a comparatively small expense, thus insuring great gain in respect to economy of Fuel &c., &c., as mentioned

It is adapted to every situation inclusive of Steam Dumping Cars + Locomotives, where economy of Fuel, Water, Weight, Space &c., are important.

This Engine can be readily adapted to all wood + coal burning Locomotive Engines, thus obviating all difficulties from Sparks, Ashes &c., From its saving in Fuel + Water, Stations may be reduced one half or more

Wood burners can be readily converted into Coal burners without altering the fire box as the same grate can be used to burn Coal. When used for Dummies + c., there is no Noise from Exhaust Steam, nor is there any Condens., Dust or Ashes.

It is also well adapted for Steamships, especially for those designed for long voyages; also for Steam Canal boats. Especially adapted for mines when fuel is scarce - For Steam Fire Engines; for Tractorial + Agricultural Engines; Elevators in buildings + c., &c.,

### Mode of Action

In this Engine, one volume of Steam acting on the high pressure, on one side of an annular or small piston is then made to exhaust, + act by expansion on the opposite side of the large or low pressure side; - that is to say, a large surface piston, about three times as large as the annular piston, with its partly exhausted steam, acts on the large piston with its low pressure steam.

By this means a far greater ratio of expansion + consequent economy of steam is secured than is possible in any other Engine cutting off very short; - whereby the long sought beside altern is secured in an Engine that gives an even + regular motion throughout its entire revolution.

Thus this Engine avoids all difficulties in passing the dead Centres where the steam cut off very short.

This Engine is endorsed by the first Engineers of the Country.

Manufacturers will find this a much cheaper Engine to construct, for any purpose than any <sup>now in use,</sup> and <sup>buyers will find</sup> the representation of ~~the~~ strictly as set forth





Patent Economical  
and  
Safety Steam Boiler  
With Automatic System of self  
Firing and Coal Pushing attached,

The above is very important to all those using Marine and other Steam Boilers, as they do not throw Sparks, dust or visible smoke, also by another adjustment fires its furnace continuously; removing all clinkers + ashes at the same time by Automatic means.

The Inventor of this invaluable system of Steam Generator begs to say that he has had an experience of Thirty Years in Steam, during which time he has won the full endorsement of the ablest Engineers and Scientists in this Country + Europe - among whom are to be found Professor Galus Bucha, formerly of the Franklin Institute and the U. S. Coast Survey; Dr. James of Washington, formerly Commissioner of Patents; Prof. Renwick of Columbia College (author of Renwick's Steam Engine) - John Borne, L.C. of London England - author of Borne's celebrated works on Steam + Steam Ships + invaluable other works; who in his "Steam Engine" gives illustrations of the ----- Boiler + endorssed it as the very best he has ever seen, with endorsements of innumerable other Engineers.

Advantages of the . . . . . Steam Boiler  
 insuring great Economy of Fuel, Firman 22, 24

The present Patented Boiler is far superior to the original preceding this one, for the following reasons,

1<sup>st</sup> It is much more economical in cost for a given number of years, as it will far outlast any other Boiler.

2<sup>nd</sup> Can be built cheaper

3<sup>rd</sup> Is entirely safe from accumulations of Scale.

4<sup>th</sup> Requires far less room.

5<sup>th</sup> Is easier to repair.

6<sup>th</sup> Over 50% of Coal will be saved as compared with ordinary Boilers.

7<sup>th</sup> Will be found far more safe from explosion, as it is next to impossible to explode it.

8<sup>th</sup> Will require but few repairs, as it will not be liable to get out of order from low water or causes named below.

9<sup>th</sup> Will not require more than one third the room as compared with the average Boiler.

10<sup>th</sup> Is the very best externally formed Vertical Marine Boiler now known.

11<sup>th</sup> Will fire itself automatically by a simple & reliable mechanism - doing its own firing by steam, in a manner far superior to the best hand firing - removing all its clinkers & ashes from the grate & ash pits & passing them overboard or elsewhere.

12<sup>th</sup> All steamers will not require any Coal.

passers, as in addition to the Automatic Coal <sup>feeding</sup>  
 13" It will elevate its own coal from the  
 ship's bunkers by steam.

14" By its peculiar arrangement it has a  
 powerful and rapid circulation of water from  
 the lowermost part of the boiler to the upper  
 or top surface - the effect of which is,  
 all foaming (unless by extraordinary  
 causes) will be avoided.

15" It follows from the above that there will  
 be solid water on the heating surfaces &  
 that the steam will generate in two folds more  
 times in consequence.

16" That but little if any scale will form  
 & that all the loose scales will fall into the  
 circulation & will be carried down into the lower  
 part of the boiler, below the fire where it can be  
 easily blown out and

17" All muds from impure water, like the  
 Delaware or Mississippi, will deposit & be blown  
 away as above.

18" From its peculiar arrangement, too,  
 it will be very safe from low water from a  
 cause that can be readily shown to all those en-  
 quiring the process for

19" The same is true as to its capacity  
 to withstand pressure, from the fact that  
 every part of this boiler is either cylind-  
 rical or hemispherical, except the tube  
 sheets: and they being supported by  
 the tubes are of course of enormous strength.

20" From the peculiar construction of

this Boiler + its machine coal passing and  
 firing, it will utilize for its coal bunkers the  
 space now required for fire rooms. This will  
 be found ample for this purpose, as the  
 space is large + the economy of fuel in this  
 Boiler is such that but little coal will be  
 required; hence the room gained will be  
 ample, + the enormous space now devoted  
 to coal bunkers will be utilized to carrying  
 freight instead.

22<sup>o</sup> As a Marine Boiler on board a Steam  
 Ship or Boat, this Boiler will not expose its fire  
 surface by careening or rolling of the vessel, due  
 to its peculiar arrangement.

23<sup>o</sup> Builders will note this Boiler does  
 not contain as much flanging by a very  
 large percentage as other Marine Boilers.

24<sup>o</sup> This Boiler will not collect ash  
 + soot &c., in its tubes + will therefore not  
 require removal but seldom.

25<sup>o</sup> No soot will be formed, from  
 the fact that the mode of firing is contin-  
 uous — being automatic as named.

26<sup>o</sup> The Carbon and other combusti-  
 ble is therefore evolved from the coal + only  
 in small quantities, therefore no visible smoke  
 or carbonic oxide is allowed to form, as the  
 combustion is complete.

All of the above is submitted to an intelligent  
 public with an earnest request that all those in-  
 terested in Steam will make a careful invest-  
 gation of the Facts here made known.

THE EDISON ELECTRIC LIGHT CO.,

3 BROAD STREET,

New York, *July 17* <sup>th</sup> 187*9*

J. Edison

Dear Sir:

*The regular quarterly meeting of the*  
Board of Directors of The Edison Electric Light Company,  
will be held on *Tuesday the 21<sup>st</sup> inst*  
at *2 1/2* P. M., at the office of the Company.

Very respectfully,

J. S. Gaud

Secretary.

THE EDISON ELECTRIC LIGHT CO.,  
BRAD STREET.

NEW YORK, N.Y.  
H. M. GALLAGHER, V. PRES.  
E. L. FARRIS, TREAS.  
C. GOODRICH, PRES.

New York,

July 17<sup>th</sup> 1879

S. A. Edison Esq.

My dear Sir:

I send you copy  
of Chester's paper on  
Electric lighting from  
which you will notice  
he claims priority in  
respect to machines  
over the Gramme & many  
others -

I enclose notice of  
quarterly meeting of Mr. Loring  
thinks it would be useful  
to have you attend.

Yours truly,

Goodrich  
July

The Electric Light, under favorable circumstances, can be furnished at a price very many times less than Gas. It is produced from Magneto-Electric Machines - masses of iron and copper, revolved by power, and producing electric currents, which currents coming to carbon points, slightly separated, produce the "arc" of light.

The ingenuity of many inventors in Europe has been directed to the division of the light by other contrivances than carbon points, and all have been abandoned, and the latest French improved light, now extensively used, are all from carbon pencils.

Two means for burning these pencils are used. One of them, the thoroughly approved Lamp or regulator of Levein, which causes the light to start itself, to renew itself, when put out, and under all circumstances to quickly regulate the "arc" of flame automatically.

The other plan is the Jablochloff candle in which the pencils, placed side by side, separated by plaster of Paris, slowly burn down, at the same time burning up the plaster of Paris. It is found best in order to burn these candles, to change the machines that formerly worked Levein regulators to more expensive and wasteful combination of machines.

The objections to these two modes of lighting are three - with the candles the focus is not preserved, and of extensive

before total consumption, they must be re-  
lit, and their light is 50 per cent. inferior to that  
of the Lerrin regulator.

To the Lerrin regulator it is objected that  
it is cumbersome, heavy, and about 30 inches  
high; and can only work in one direction, and  
shaking would put it out. It is also very  
delicate and costly.

Our improvements there, as far as finished,  
embrace a lamp having every function of the  
Lerrin lamp, but working with very much  
greater accuracy, occupying only six inches  
instead of 30 inches in height, but burning  
quite as long, working in any position,  
working while moving and shaking, costing  
only one third, and from its perfection of  
steadiness allowing the greatest subdivision  
of light ever exhibited, and rendering the  
Fablochhoff candle needless, as it accomplishes  
fully equal subdivision with that invention,  
without its great loss of power and other im-  
perfections.

This lamp is complete and perfect, and  
developed in three forms. It is proposed  
to perfect in this direction an entirely un-  
published invention which is practically  
an incense-wick lamp of immense en-  
durance - lighted and extinguished by  
an electric clock, at stated regulated  
and predetermined intervals. The lamps  
to be of any desired number and fully con-  
trolled individually and collectively.



In relation to machines, you are now in use to a limited extent, in this country, and one inventor has used one on the lines of the W. H. S. Co. which performed on a great many lines at one time for some months, (it has been thus stated to me, and I have personally watched its operation)

This last machine, as well as those now used and sold by Wallace, have been decided, after litigation, to be infringements of my patents, and in case of the Wallace machine a patent was refused to his party.

The infringements of ~~my~~ patents in the case of the "Rush" machine, now made by the Cleveland Mfg. are evident to the most superficial examination, - and the "Water" machine also contains features quite fundamental, that are clearly antedated in my patents. The "Smith" machine does not infringe, but its design is of a low grade and does render a good equivalent for horse power.

I have made some personal examination that confirm this belief.

I have also patented in France 5 machines which I fully believe cover largely, if not entirely, the present combinations used by Esammi in the Paris street. - that company that opposes Esammi and which has made quite a stir in London by its introduction of the electric light has actually paid royalties for the use of my French patents.

I am now engaged in patenting three five machines in the United States, under

just  
are  
down  
an  
and  
to  
to  
to

Y  
under the French state issue, and I believe they  
will control the employment of the latest  
French systems here, if it should be attempt-  
ed to bring them over.

Building upon this solid foundation of  
controlling patents, giving us the right to use  
a large variety of machines, for all requirements  
and the most complete illumination system  
constructed, we propose to commence the march  
of steady effort to perfection, so that the idea  
of substitution for gas may be entirely realized.

Shedden's opinion on  
E Light

Am. Pat. No. 62225  
J. H. H. & Co. 1851

THE EDISON ELECTRIC LIGHT CO.,  
9 BROAD STREET,

ROBERT GRANT, TREAS.  
R. H. GALLAGHER, V. PRES.  
E. J. FARRER, PRES.  
C. GODDARD, SECTY.

ELECTRIC LIGHT  
EDISON E. L. CO. (1879)

New York,

January 18<sup>th</sup> 1879

J. A. Edison  
Dear Sir,

The stock books are ready for use so if you wish to divide your stock if you will bring your certificates with you when you come in on Tuesday you can make such transfers as you wish  
C. Goddard

John W. Porter  
President, P. O. Board  
Geo. W. H. Stone  
Ch. Francis Stone  
George F. Kambick

FOB 1836

Porter, Lowrey, Loren & Stone,  
Attorneys & Counsellors at Law;

No. 3 Broad Street, (ORFEL BUILDING.)

New York, Jan 18<sup>th</sup> - 1879

My dear Edison

I am back again, & feeling pretty well - The news come to me while absent that you were also out sport; but now Mr Goddard tells me that you are at work again - I am extremely curious to see what you have been doing & some day next week I shall try to go to Menlo.

There is a directors meeting on Tuesday next and I think you should come in.

It will encourage them all to see you and talk with you, & it is due to them to be kept informed - I advise you decidedly to come.

Goddard gives me a good account of the state of progress. I hope either you or Winton will find time to time write me what is being done - the question is one which all parties ask me, with the impression apparently that I can answer. You will

John K. Porter  
Erasmus B. Lowrey  
Geo. W. H. Stone  
Chas. Francis Stone  
George T. Hamilton

Porter, Lowrey, Stone & Stone,

Attorneys & Counsellors at Law,

No. 3 Broad Street, (DREXEL BUILDING)

New York, \_\_\_\_\_ 187

P.O. Box 836

2

remembers that I have not seen you  
since the visit of Mr. Drexel rolling  
& my news is therefore rather old

Please give my compliments to the  
ladies, & in return believe me

Very  
Yours  
G. B. Lowrey

P.S. I have some letters from the Beahm  
Aushaha & India which have suggested  
to me that we may perhaps use those  
countries if necessary to raise addi-  
tional funds, by selling them to this Com-  
pany

Jan 20 79

3:15 PM

2  
NY 20

T. A. Edison ms

Can you attend meeting  
trustees Tuesday at two P.M.

Tracy R Edison

9 Paid  
mail

Jan 20, 79

2<sup>nd</sup>  
Tracy R Edison  
NY

Will try to be there

T. A. Edison

5:11 PM  
3:30 PM

THE EDISON ELECTRIC LIGHT CO.,  
8 BROAD STREET,

NEW YORK OFFICE,  
R. M. HIGGINS, T. F. DICK,  
E. D. FARRIS, TREAS.  
C. GOODRICH, SECY.

New York,

July 22<sup>nd</sup> 1879

Mrs. A. Edison  
Menlo Park

Dear Sir

Enclose Stock Certs

as follows:

1	J.R. Edison	30 shrs.
2	J.M. Banker	30 "
3	C. Batchelor	130 "
4	J.L. Griffin	20 "
5	E. Fox	8 "
6	W.C. Croffut	5 "
7	W. Johnson	8 "
8	W.A. Painter	20 "
9	Jas Adams	30 "
10	J.A. Edison	219 "
		500 "

in place of temporary Cert  
No. 2. Canceled.

Yours truly

C. Goodrich

OFFICE OF  
The Edison Speaking Phonograph Company,  
203 BROADWAY,

P. O. Box ~~1000~~<sup>1001</sup>

New York, \_\_\_\_\_ 18

Received New York January  
23<sup>rd</sup> 1899 of Thomas A. Edison  
Eight Shares of stock of The  
Edison Electric Light Co.  
(Worth one year from date \$200. per share)

Edward J. Johnson  
Phonographist



The Gold and Stock Telegraph Co.  
WESTERN UNION BUILDING,  
195 Broadway.

New York, *Jan'y 24<sup>th</sup>* 1879

*J. L. Griffen Esq*  
*Brooklyn*

I am in receipt of  
your favor of 23d inst and will  
Certificate of thirty shares in  
The Edison Electric Light Co  
of N.Y.

Very truly,  
Your  
Friend  
*N. Edison*

OFFICE OF  
The Edison Speaking Phonograph Company,

66 READE STREET,

New York,

July 25 1879

P. O. Box 150.

My Dear Edison  
Many thanks for  
the entirely unexpected compliment  
of the Electric Light Chair. They  
will, upon all occasions, be  
appreciated in value by the voice  
and actions of the recipient, who  
has perhaps the strongest faith  
in their ultimate value of all  
the stockholders, not excepting the  
signator himself. My faith is founded  
upon my knowledge of the man, rather  
than upon any tangible thing yet  
presented. Others build on what they  
see. You build on Confidence in  
yourself. My foundation is the  
best foundation, always providing  
you preserve your health, which  
I trust you will succeed in doing  
at least as well as your ancestors

OFFICE OF  
The Edison Speaking Phonograph Company,  
66 READE STREET,

V  
P. O. Box 150.

New York, \_\_\_\_\_ 18

I intended coming out to see you  
this week, but Bergman got sick  
the day I fixed upon. And I had to  
run the wires for him.  
W.K. is here today. Expresses himself  
pleased with your remembrance  
of him. but says he shall divide  
it up among - You know who -

Bergman says we will be over  
on Monday morning early train

Truly yours  
E. Johnson

John H. Porter  
Grove Street, New York  
Geo. West & Sons  
40 Broadway, New York  
George F. Hamilton

© P. O. Box 1836

Porter, Lowrey, Soren & Stone,  
Attorneys & Counsellors at Law,

No. 3 Broad Street, (DREXEL BUILDING.)

New York, Jan 25<sup>th</sup> 1879

My Dear Edison:

I went into Mr Fabbri's to day and found that Griffin had been there this morning. They all gathered round me and, in a joking way, asked if I knew anybody who wanted to buy their stock. I enquired what was meant, and they said "Haven't you heard the news?" They then told me that you had been obliged to give up platinum. Mr Fabbri looked serious and, of course, so did we all, although they said something about nickel being found to be a substitute. I told them what you had said to me about past caperages of the use sometimes to be made of obstacles, and said these were the things that they, and everybody, must look for, of course; that no great end was attained, so far as my experience goes, without considerable doubt and tribulation, and this was just the time when we must all stand by the inventor and ~~his~~ enterprise &c &c &c - Mr Morgan stood by listening without saying anything. After a while somebody said "Nothing has ever yet been done with Mr Puskas", and I said "Mr Edison informs me"

John H. Porter  
Pres. v. P. Sawyer  
Geo. W. H. Sproul  
Chas. D. Smith  
George T. Franklin

Porter, Lowrey, Soren & Stone,

Attorneys & Counsellors at Law,

No. 3 Broad Street, (DREXEL BUILDING)

New York,

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PO Box 1036

" that he has called, or will soon call, upon Mr Puskas  
" for \$1800 more for patent fees & and perhaps you will  
" not care to take Mr Puskas' place in these ex-  
" -penditures, if you are losing confidence" - Mr  
" Monqu spoke for the first time and said that he had  
" been looking with some anxiety for just such a  
" time as this, because this was the time to settle  
" with Puskas on fair terms, and he (M) Wright, &  
" Tabbari all said they were perfectly ready to go <sup>on</sup> as  
" had always been talked about. I tell you  
" this because it produced a very pleasing impression  
" on my own mind for I saw that there was a  
" true ring in it and that these gentlemen were  
" likely, in a stress, to turn out as I always sup-  
" posed they would - not to be very easily frightened  
" away from a thing they once made up their  
" mind to. All they, or I, shall ask from you  
" is to give confidence for confidence - Ex-  
" -press yourself, especially when you come to a  
" difficulty, freely. You naturally, having an  
" experience of difficulties and of the overcoming  
" of them, in your line, (which none of the  
" rest of us can have,) may feel that it would

Schuyler H. Austin  
Governor of Missouri  
Gen. Wm. H. Hunt  
Chas. Francis Stone  
George F. Kambien

P.O. Box 1836

Dexter, Lowrey, Green & Stone,

Attorneys & Counsellors at Law,

No. 3 Broad Street (DREXEL BUILDING)

New York,

187

be prejudicial, sometimes, to let us see how great your difficulties are, lest we, being without your experience in succeeding, might lose courage at the wrong time. This will be true sometimes of all people; but every active mind greatly interested in a particular subject works in its own way when a difficulty is presented in finding out the causes, and reasoning against the probability of their being insuperable; and with our friends I think that would be the result in almost every instance where you yourself should show that you still believe in a possible success.

With this in view I would like to have a talk with you right down to the bottom of everything and would like to have Mr Morgan join in it if I could; but I could not get him out to Menlo now, and I do not want to take your time a moment. I may perhaps go out to Menlo this afternoon at 3 or 4, but more likely not. In that case I may telegraph you this afternoon to see if either you or Mr Upton could come in to

John H. Porter,  
Governor, Pennsylvania,  
Gen. Wells Stone,  
Ch. Francis Stone,  
George S. Hamilton.

P.O. Box 1836.

Porter, Lowrey, Stone & Stone,  
Attorneys & Counsellors at Law,

No. 3 Broad Street, (DREXEL BUILDING)

New York,

187

night; but again I fear taking Upton from you at a time when you may need him, as well as of interrupting your studies and of fatiguing you by the journey, for I can well understand that you are at the highest tension just now.

I have an engagement on Monday which will prevent my getting out, and very soon I hope to get away to the Hot Springs. If nothing more convenient presents itself I will send Mr Griffiths to you on Monday and ask you to state to him carefully (and he will take it down in short-hand) what the present situation is - whether the experiments which you substitute for those in platinum require so large a force of men &c &c

Very truly Yours

H. P. Lowrey

P.S. Since the above was written your letter of the 24<sup>th</sup> is received. One embarrassment which you no doubt feel is that the public has been taken into confidence in this matter too early and the opportunity is afforded

John W. Porter  
Gerrit W. Lounsbury  
Geo. W. Stone  
Chas. Francis Stone  
George F. Hamilton

Porter, Lounsbury, Stone & Stone,  
Attorneys & Counsellors at Law,

No. 3 Broad Street (DREXEL BUILDING)

New York, \_\_\_\_\_ 187

(POB 1836)

for those who do not believe to make capital  
because of the certainty with which your  
friends have always spoken as to what  
you had done - Be sure you are right  
about Nickel and every thing else before having  
anybody know much about it. Naturally, our peo-  
ple while not at all blaming you or L.  
me, will say that we have been  
rash in setting up expensive  
buildings ~~at~~ while it was un-  
certain whether the minor details  
were not secured. In other words  
that so large an engine was not  
necessary for the ascertainment  
of what you now know about  
plating - But on the whole I  
think they will be reasonable,  
and they will withhold their  
opinion on Nickel until it is  
completely proved.



NY Jan 26 29  
To x

115 Charlton St  
New York Jan 26/29

Dear Friend Erson:

Your very kind  
and generous gift came duly to  
hand. For it please accept my  
most sincere thanks. While it can-  
not add to the friendship, esteem and  
admiration I have felt for you  
these many years it can and does  
tend to make me fully sensible of  
the pleasing fact that my friendship  
is not unappreciated and not unval-  
ued. Your success shall ever, believe  
me be most welcome news to me and  
any temporary obstruction in your  
great work shall excite some of  
your friends more than that I shall

Once more. That you may continue  
in your grand triumphal march bandying  
game and attain the goal bowler of  
Jinnah's God & in the prayer of  
Your friend  
Oswin M. Ho

P.S. For more than a week I have  
been laid up with dysentery and throat  
having only just <sup>partially</sup> recovered from  
a two weeks illness. This is why our  
note which is ever due was not taken  
up in season. When I am not personally  
at the office everything seems to go by default.  
I trust you will pardon the laches. Had  
I been able to get out, the matter would have  
run all right. Mr. D. tells me I can get a letter  
from the bank. The first day I venture out  
I will collect some money and report you the amount.  
My regards to G. G. Truly  
E. M. H.

No 1  
NY 27 79

Jan'y 27, 79

3 AM

Thomas A. Edison  
MS

Will you be at home  
if I come by Elver  
O'clock train tomorrow

G. P. Lowry

1325\* maly

Jan'y 27 79

G. P. Lowry

3 Broadway

Yes I will be here  
tomorrow

T. A. Edison

G. P. Lowry  
2311  
7 AM

John H. Porter  
Savannah, Ga.  
Geo. W. Wells  
Chas. Francis Stone  
George F. Hamilton.

P.O. Box 1836.

Porter, Lounney, Stern & Stone,  
Attorneys & Counsellors at Law,  
No. 3 Broad Street, (BUREAU BUILDING)

New York, Jan 27, 1879

My Dear Edison:

I expect to go out to see you by the 11 o'clock train tomorrow, provided you answer my telegram of this afternoon favorably.

There is a young Frenchman here, said to be a Nephew of the President of the Company which burns Mr Sobloch Koff's Candles in Paris who is interested in a patent for a metallic substance which, as nearly as I could make out, is called "Zirconium"; and which, he says, is the only metal which can be used by incandescence - platinum, and all others, having been fully tried in Europe and found wanting -

I get this news from a gentleman who lunched with this Frenchman yesterday (Sunday), and who is to get me more definite information.

I understand that the American patent has been taken out or applied for, and that probably it is applied for in the name of Edward Stern. I will have a search made for any recent patents in that name.

J. A. Edison Esq;

Yours truly,  
E. P. Porter

3  
N.Y. 31

July 30 '79  
11:35 A.M.

D. L. Triffin  
Care of H. Edison Co.

Your letter enclosing certificate  
of thirty shares stock received  
James H. Banker

9 AM  
Jy 9

Feb 13 79  
My dear Edna -  
I have been thinking of you  
very much lately and  
wondering how you are  
getting on. I hope you  
are well and happy.  
I have been very busy  
with my work lately  
but I will try to write  
to you more often.  
I love you very much  
and hope to see you  
soon.

My dear Edna -  
I have been thinking of you  
very much lately and  
wondering how you are  
getting on. I hope you  
are well and happy.  
I have been very busy  
with my work lately  
but I will try to write  
to you more often.  
I love you very much  
and hope to see you  
soon.

Mr. Keen  
Dear Mr. Keen  
I have  
been thinking  
of you  
very much  
lately  
and  
wondering  
how  
you  
are  
getting  
on  
I  
hope  
you  
are  
well  
and  
happy  
I  
am  
well  
at  
present  
and  
hope  
these  
few  
lines  
will  
find  
you  
the  
same  
I  
am  
yours  
truly  
as ever  
Wm. Keen

I want to give a share to  
my sister of County Down  
how I wish they were divid-  
ed. Can Mr. Green divide  
the bunch for me? I have  
perfect confidence that you  
will fetch it notwithstanding  
in what matter you sell it  
the first Monday. But, if  
you should not be able to  
I can force it, by lot.

John W. Foster,  
Governor, P. Harvey,  
Geo. H. Adams Stone,  
Chas. Francis Stone,  
George L. Huntley.

Porter, Lowrey, Leroy Stone,  
Attorneys & Counsellors at Law,

No. 3 Broad Street, (DREXEL BUILDING)

© New York, February 10, 1879

P.O. Box 1836

My dear Edison.

I have received your enclosing copy of your letter to Est. Dickers on copy of 8<sup>th</sup> inst. You have received an incorrect idea of what Mr Dickerson said and of course you have no idea of the connection in which it was spoken and that makes all the difference in the world. I told Mr Dickerson that you had discovered that platinum volatilizes. He replied, "Of course, by heat". I then said that this was a fact not known by Chemists and not stated in the books, as I had learned from you. Mr Dickerson said that it had been very well known to him and that it volatilizes when heated in a vacuum, but he did not intimate that it was any color spotted or that it was known to the Chemists.

The specific points of



John H. Porter  
Governor, Albany  
Gen. Miles Selden  
Chas. Francis Stone  
George T. Hamilton.

P.O. Box 1836

Porter, Lowrey, Loren & Stone,  
Attorneys & Counsellors at Law,

No. 3 Broad Street, (DREXEL BUILDING.)

New York, \_\_\_\_\_ 187

Your letter as to volatilization at a  
continuous yellow heat &c. &c. were  
not mentioned by me, for except as  
to the last, i.e. the coloring of a flame  
green, I don't think I ever heard of  
them before.

It is probable that the  
volatilization referred to in the last  
clause of your letter is what Mr  
Dickerson referred to and what, from  
the generally of my remarks he  
might have supposed me to mean.

I have sent a copy of this letter  
to Mr Dickerson

Yours very truly  
J. Lowrey  
for C.F.

written from Mr Lowrey's dictation  
C. Howard

Feb 12/79  
Recd by Mr. D to  
Mr. Lowry  
General N. Dickerson  
(at the Bureau)

Law Offices of  
Dickerson & Beaman,  
N.Y. State Building,  
City Hall Square.

New York, Feb 13 1879

My Dear Sir,

Mr Lowry said to me that you had discovered that platinum is in contact by the electric current in vacuo. I saw that this was a very familiar fact; and that it would be solubly either in air or in water, with heat enough. I never heard till you wrote anything about the peculiar condition you specify; and I do not know of any statement to the contrary of yours in any book.

Yours  
Thos Dixon & John N. Dickerson

The within is correct, and in accordance with  
what I wrote you in my former letter on  
the subject -

NY, July 17, 1879 -

W.P.L.

*[Faint, mostly illegible handwritten text, possibly bleed-through from the reverse side of the page.]*

THE EDISON ELECTRIC LIGHT CO.,

3 BROAD STREET,

New York,

July 18<sup>th</sup> 1879

Thomas A. Edison Esq.

Dear Sir:

An adjourned meeting of the  
Board of Directors of The Edison Electric Light Company,  
will be held on Thursday the 20<sup>th</sup> inst  
at 2 1/2 P.M., at the office of the Company.

Very respectfully,

Edward

Secretary.

THE EDISON ELECTRIC LIGHT CO.,

3 BROAD STREET,

New York,

March 19<sup>th</sup> 1879.

Thomas A. Edison Esq.

Dear Sir:

An adjourned meeting of the  
Board of Directors of The Edison Electric Light Company,  
will be held on Monday the 20<sup>th</sup> inst.  
at 2 1/2 P.M., at the office of the Company.

Very respectfully,

Edward

Secretary.

March 22/79  
C. G. ...  
March 29  
D. ...

Handwritten notes, possibly a list or schedule, including the word "March" and various numbers and symbols.

Penna RR<sup>o</sup>  
March 22/79

My dear Edison

Mr Henry Tallant  
one of our Directors is  
interested in an inven-  
-tion which he says  
will reduce the cost  
of power to  $\frac{1}{3}$  the  
ordinary cost of steam  
The machine is at  
work at Cooperstown  
His at Trenton and  
he is anxious to have  
of our visit it - If  
you will make an  
appointment he will

go with you any day  
next week.

I shall be home  
probably Wednesday  
& would like to  
accompany you -  
Suppose you write  
him at 20 Nassau  
St. NY & tell you  
will go say Friday  
next week - Let  
me know what  
the arrangement is

Yours

Goddard

Goddard

Will be very busy  
this week but if you  
will call my attention to  
the matter next week  
I will try to make  
an appointment =

E. L. Loring

THE EDISON ELECTRIC LIGHT CO.,  
8 BROAD STREET,

WALTER GRANT, Pres.  
D. M. GALLEY, V. Pres.  
E. F. FARRIS, Treas.  
C. COCHRAN, Secy.

Saturday Evening  
New York, March 29 1879

My dear Edison

Please let me know  
what evening it will be  
convenient & agreeable to  
you to receive a visit from  
Mr. Dickerson. Mr. Lacey  
hoped to have taken him  
out this week but has not  
been able to bring it about.  
Mr. Dickerson, however, last  
evening said he would go  
any evening next week that  
would suit you. Write or  
telegraph me when it should  
be, and I will go out with  
him by the 5 o'clock train.

Yours truly

W. S. Souard

W. S. Souard  
has given it up & I have  
taken lamps down  
I will have a new exhibition pretty soon

THE EDISON ELECTRIC LIGHT CO.,  
8 BROAD STREET.

WALTER GRANT, Pres.  
D. M. GALLEY, V. Pres.  
E. F. FARRIS, Treas.  
C. COCHRAN, Secy.

New York, April 5<sup>th</sup> 1879

Dear Sir

No quorum appearing  
at the quarterly meeting  
of the Board yesterday  
adjournment was had  
to Thursday 17<sup>th</sup> inst at  
7 1/2 P.M. when it is  
hoped a quorum will  
be present to take action  
upon several matters of  
importance

Very respectfully

W. S. Souard

Thos. Edison

the other members of the Committee  
upon the subject. If convenient  
I should prefer next Monday  
at 2 or 2.30 p.m.

An early reply, so that  
I may consult the convenience  
of the other members, will  
greatly oblige

Yours Very Truly  
J. D. Green

62 11 24  
ms. 11 24  
ms. 11 24

Western Union Telegraph Company.  
President's Office.

New York, 17 April 1879

Thomas A. Edison Esq

Woolworth Bldg.

Dear Sir

At an adjourned meeting  
of the Board of Directors of the  
Edison Electric Light Company  
held today a Committee was  
appointed, consisting of myself,  
you, Mr. Banker and Mr. Cutting  
to consider and report upon the  
expediency of taking steps to  
occupy some of the public  
buildings in New York with  
the Edison Electric Light.

Will you kindly  
indicate a day when you  
will be in New York and have  
time to meet and confer with



incidental examination of the results of your experiments.

It was not proposed to in any way interfere with the proposed practical exhibition of the light at Meulo Park, but to consider the expediency of obtaining a foothold in Public Buildings before they are occupied by rivals; which is said to be the case with the Post Office.

If you do not feel disposed to take the time necessary for a meeting, perhaps you could state your views briefly in a letter which I could lay before the Committee at a meeting here.

Very Truly Yours  
J. O. Green

International Ocean Telegraph Company.  
Executive Office  
Small Room, Starway, New York, 17 Apr 1877.

Thos A. Carlson Esq  
Meulo Park

Dear Sir,

I will communicate the substance of your letter to the other members of the Committee, who will doubtless be content to await your convenience in the matter. It might be practicable to meet at Meulo Park and confer upon the question submitted to us; as to which I should like to know the time most convenient to yourself and best adapted to an

International Ocean Telegraphic Company  
Executive Office

James M. Chan, Secretary, New York, 24 Apr 1874

J. A. Edgerton Esq.  
Mentor Park

Dear Sir,

I enclose a letter which  
was sent me by Mr Goddard this  
morning. Please consider it in  
connection with the object for  
which our committee was appoint-  
ed and let me hear from you  
at your earliest convenience

Very Truly Yours  
J. D. Green

New York.  
May 4, 1879.  
114 Broadway, Pa.  
P.S.

Dr. Edison  
Manh Park.

Dear Sir,

I must request you to return to me the Gramme machine now in your possession, as it is required for shipment to San Francisco, in connection with other machines.

Hoping this machine has been of service in the solution of your difficult problems and regretting my inability to allow your further sale of it.

I have sent to Mr. Goddard full particulars for its return.

Please advise me on sending.

Truly yours  
Dr. C. C. Sulzger

May 5 79.

Goddard

3 Broad St  
NY

Dr. Sulzger wants the  
Gramme ask him the  
price of it and telegraph me  
J. H. Edison

1457  
10 PM  
21 May

THE EDISON ELECTRIC LIGHT CO.,

8 BROAD STREET,

ROBERT GOODE, Pres.  
H. H. GILMAN, V. Pres.  
G. F. FARRIS, Secy.  
C. HOSKIN, Asst. Secy.

New York,

May 5th 1879

My dear Edison

I have your telegram and have sent to see if Serlayes will see his machine & at what price and will telegraph you when I hear - I fear however that he won't, for he writes he wants it to send with the rest of apparatus to San Francisco - I enclose his letter

Yours truly  
C. F. Gilman

[ENCLOSURE]

and I trust that will have been  
of some use to Mr. Edison in his  
experiments.

I saw in one of the daily papers,  
the Sun, I think, that the new "Edison  
generator" would in a day or two  
be substituted to the small  
Gramme machine.

Please send it as soon as  
possible to the following direction  
and advise me on sending:

De Soulages  
Care of W. C. Casey  
151-153 Leroy Street - New York

Truly yours  
De. C. C. Soulages

New York.  
May 4. 1879.  
114. Waverly Place.

Mr. C. Coddard  
Secretary of the Edison Electric Light Co.  
3 Broad Street - N. Y.

Dear Sir,

I beg that you will kindly return  
to me the "Gramme machine"  
which I lent to Mr. Edison at the  
request of Mr. Fabbie.

I find myself compelled to send  
it to San Francisco with other  
electric apparatus.

I have been able to let the  
Gramme machine remain at  
Mano's Park longer than I had  
at first thought I should be able to do,

2

my 7

May 7, 79  
2-5-5-P

Thos A Edison  
ms

Will it suit you  
to see Mr Faberi  
and his friend from  
Chili tomorrow

C Goddard

1/4 Paid  
Cm. 9.

Yes tomorrow  
Evening

Walter  
of Edison

1  
my 10  
TAE. ms.

May 10, 79  
5-5-5-P

Soulages will let us  
know when he must  
have Gramme

Goddard

10 paid  
TAE

THE EDISON ELECTRIC LIGHT CO.,  
8 BROAD STREET.

WALTER GREEN, Pres.  
R. W. GILCHRIST, V. Pres.  
E. D. FARRIS, Treas.  
C. GREENE, Secy.

New York,

May 30 1879

My dear Edison

Enclosed just  
rec'd from Soulages -  
I have written him  
that we will arrange  
to ship the machine  
whenever we receive  
notice that he requires  
it - I don't believe he  
can agree to sell it,  
so perhaps you had  
better go on with the  
one you propose to  
make.

Yours truly  
C. Greene

THE EDISON ELECTRIC LIGHT CO.,  
8 BROAD STREET.

ROBERT CASAR, Pres.  
E. H. CHAPMAN, V. Pres.  
E. F. FARRIS, Treas.  
C. HOSKINS, Secy.

New York,

June 4<sup>th</sup> 1879

My dear Edison

Mr Latham is here  
from San Francisco & Mr  
Fabri wants me to take  
him to menlo. Latham is

not an electrician or  
in any special sense  
a scientist, but very much  
wants to meet you person-  
ally and to see at least  
one glimmer of incandes-  
cent light. I want to take  
him out tomorrow or at  
furthest Friday. I should  
prefer tomorrow for my  
own convenience, but want  
you to be able to show him  
something when he gets  
there. Rig up a lamp  
& telegraph me in the  
morning if I shall bring



Kind out by 5:20 train  
tomorrow (Thursday)  
evening, or if I shall  
say Friday-

Yours truly  
Edward

W. B. G. G.  
5  
W. B. G. G.

THE EDISON ELECTRIC LIGHT CO.,

8 BROAD STREET,

NEW YORK, N. Y.  
S. F. CHAMBERLAIN, Secy.  
E. P. FISHER, Treas.  
G. W. WILSON, Asst. Secy.

New York,

June 9th 1879

My dear Edison:

Mr. Charles Dick has called upon me to-day in regard to an invention which he has made in connection with Electro Magnets, about which he said he had some conversation with you some time since. The invention, as exhibited to me, consists of a flat spiral coil of copper, as a substitute for the wire around the magnet. He says that you had expressed, at the time, a high opinion of the utility of his invention. If you think it an object, he would be glad to see you about it. He thinks it may be of considerable value in dynamo machines. Of course, I know nothing about it, but would like to know what to say to him.

Very Truly Yours,

Edison

THE EDISON ELECTRIC LIGHT CO.,  
4 BROAD STREET.

NORTH GREEN, FIVE,  
R. R. CALLAWAY, V. FOUR,  
R. F. FERRIS, THREE,  
C. GODDARD, TWENTY

New York, June 14<sup>th</sup> 1879

My dear Edison

If enclosed bill is  
correct, please certify  
and return to me

Yours truly

Wm. Goddard  
Secy

Edgemoor

Edgemoor, New York  
June 18, 1879

The Gold and Stock Telegraph Co.  
WESTERN UNION BUILDING,

190 Broadway,

New York, June 20<sup>th</sup> 1879

Mr. W. Edison Esq.  
My dear Sir,

I should be glad  
to have an estimate of the  
cost of the proposed demonstra-  
tion at Trunk Park, giving  
an idea also of the extent  
of the demonstration, as to  
the number of lights, &c.  
I should also like to know  
at what time you expect to  
make the exhibition -

I learn from Mr. Banker that  
you consider the Light and the  
Generator finished,

Hoping for an early reply, I  
remain Very truly Yours,  
Wm. R. Edison

FROM THE LABORATORY OF  
T. A. EDISON.  
MENLO PARK, N. J.  
U. S. A.

Tracy R. Edison Esq  
N.Y.

July 7, 79

Dear Sir. Your favor of the 30th ult was duly recd.  
Regarding the demonstration of the electric light  
at Menlo Park, I think I will start it on a small  
scale without making any great outlay. I propose  
to put up a dynamo machine and 30 lights when I get  
the Standard lamp, and when a 2<sup>d</sup> dynamo is done  
I will add that and 30 more lights and so on  
till the money is exhausted.

I am happy to inform  
you that the Standard dynamo machine goes beyond  
<sup>any most reasonable</sup> expectations. I have completed a dynamometer  
for measuring the horse power which is the most  
simple and most effective <sup>which has yet been</sup> devised, and in fact the only  
apparatus which will give correct readings. This has  
been one of our great hindrances. The Scientific American  
of next week, or the week following, during the past  
we have been busily engaged making tests with the  
New dynamo ~~machines~~ <sup>machines</sup> and find contrary to all  
expectations that deducting friction the machine as a  
Machine delivers in form of current about 96% of horse  
power applied to it. Upson thinks that if there is any error  
in the above estimate it will be in favor of the machine. He  
thinks that we get the whole of the horsepower in form of  
current. This will give us in practice about 80% of the

total horse power applied that will be useful outside in the lamps 20% being lost in friction and in the machine owing to the fact that certain portions of the current must necessarily be lost in wire around the machine.

The best machine of this nature heretofore constructed is that of Siemens which is said to transmit 90% of power applied deducting friction but the great difference between our machine and this or any other heretofore constructed is, that of the 90% no more than 55% could be used outside of the machine 35% being lost in wire around it whereas in our machine 70- to 80% of the 90% will be obtained outside of the machine.

These results are greatly in favor of greater economy than calculated.

I have now 80 feet of iron piping coated inside with rubber very beautiful and as soon as I get my boxes cast and coated we will put them down and pass wire through them and show the system in operation. We have received a list of prices from the Rubber Co for casting these pipes and the whole system will be one of remarkable cheapness and efficiency beyond what we had even calculated upon. We have also received a private price list from Phelps Dodge & Co for pure copper wire very much below that which I had been basing estimates on.

We have sent out 1500 circulars to parties in the mining regions of the Pacific Coast regarding platinum and have rec'd an overwhelming number of replies which go to show

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that there will not be the slightest difficulty in obtaining all the platinum requisite for the light. I have also a satisfactory regulator for the standard lamp for the first time. After several months continuous efforts we are now getting out pure oxide of zirconium for the lamps and in 2 weeks will have a sufficient supply to go ahead with the experiments on the burners.

Everything looks bright and as long as there is any hope of obtaining more burners per horse power than six I shall continue to experiment and produce a lamp equal in efficiency to the standard dynamo machine.

We have the forgings for 3 more dynamos which are now making like the ~~same~~ model.

The expenses are not over \$400 per week and the money on hand will last several weeks.

This is all the information I have at the present time which I think will be of interest.

Very truly,  
Yours,  
S. A. E.

Wash July 7, '24.  
TAE to Tracy A. Egan  
C Goodard  
& Mr Lunny

My July 9 - 79  
Tracy R. Edison  
no reply

195 Broadway  
New York July 9<sup>th</sup> 1879

Prof. A. Edison Esq

My Dear Sir

I am in receipt of your interesting letter of 7<sup>th</sup> inst, for which please accept my thanks.

I am very glad to learn of the success of your efforts, and I entirely approve of the plan you propose for making the demonstration at Menlo Park, for I think it quite likely, that after you have set up one Dynamo Machine and 30 Lights, you will wish to make some changes before putting up the second 30 Lights, and that could be done more economically than if they had all been set up at once -

My object in writing was not because I am getting impatient, but so that I might be able to answer numerous enquiries intelligently,



and for the purpose of taking early  
measures to provide the necessary  
funds to put the matter through  
so that there should be no delay  
after you were ready -

I have every confidence in  
your ultimate success for I  
know your heart and your  
pride are in it, and I feel al-  
most as much interest in it  
as you do, and I am proud  
of being able to assist you  
in accomplishing the desired  
result.

Very truly yours,  
Ralph H. Edison

M. R. R.  
July 17, 29

Will Mr. Gordin's please  
reply to that part of  
Mr. Keeler's letter referring  
to E. Light? And return  
the letter to me when through  
with it.

Very truly  
yours,  
M. R. R.

Ret'd as per request  
ell. p.m.

July 25/29

John K. Porter.  
Governor E. Lawrence.  
Gen. Miles S. Sams.  
Gen. Dennis Stone.  
Gen. S. Hamilton.  
Wm. L. Porter.

P. O. Box 1830.

Porter, Lawrence, Loren & Stone.

Attorneys & Counsellors at Law.

No. 3 Broad St. New York.

Tuesday Sept. 10th 1879

No business

My dear Edison:

I did not get a chance to speak much the other day about financial matters and as Mr. Edison and Mr. Banta are going out to see you tomorrow I think it best to tell you what is my general notion of the way in which we should raise weekly further funds as may be requisite either for experiments or for making a demonstration.

First, the parties in interest may be very willing to advance money to the company but this would not suit you nor me for if there should be considerable delay the lender

John H. Porter,  
Governor of New York.  
Gen. Walter S. Bunn,  
Chief Justice of the State.  
Gen. S. Hamilton,  
Wm. L. Brewster.

P. O. Box 1836.

Porter, Lowrey, Loren & Stone,  
Attorneys & Counsellors at Law,  
No. 3 Broad St. New York.

might foreclose and would, as all  
out some day. I regard the elec-  
tricity and so demand as in-  
mensely more valuable than  
when it is put in fifty thousand  
dollars. The amount which you  
have not disposed of are therefore  
more valuable than they were when  
collected amount may be required  
(and let us suppose that it may  
be one hundred thousand dollars)  
I should propose that it should be  
raised by your selling these com-  
bines to the Company for precisely  
the same consideration as before  
that is to say, you receiving

John H. Porter,  
Governor of Lowell,  
Chas. Wales Stone,  
Chas. Francis Stone,  
Geo. S. Hamilla,  
Wm. L. Porter.

P. O. Box 1836.

Porter, Lowrey, Loren & Stone,  
Attorneys & Counsellors at Law,  
No. 3 Broad St. New York.

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one half of whatever stock is issued  
and the subscribers receiving say  
three shares for one. This will  
keep the thing perfectly level  
and the company will not be  
owing any money to any body.

I write in great haste and  
cannot stay even to sign the  
letter, which will be signed for  
me by Mr. Kent.

Very truly

J. P. Lowrey  
(H. J.)

Remond & Co. Esq.  
Central Park  
N. Y.

My Sept 17-29  
Tracy R. Edison  
no and post

file

196 Broadway,  
New York City 17, 1899

Mr. A. Edison Esq.  
My Dear Sir,

I am requested to inform you that Mr. Lowry and the Members of the Executive Committee of the Edison Electric Light Company, propose making you a visit by the Clear Lake Am. Train on Monday next, for the purpose of seeing the result of the experiments that you have made, and of conferring with you in regard to the best method of providing the additional means that may be required for completing the experiments, and for making a demonstration in New York, after you have made one in the way you now propose, to your own satisfaction at Menlo Park.

This course has been suggested by Mr. Lowry at the meeting held today, as being desirable for the purpose of having it where it will be easily

accessible to all who may take an  
interest in the subject, and where  
they can witness the light in suc-  
cessful operation on a practical scale,  
night after night, and study the  
manner of introducing and working it  
to their entire satisfaction, which they  
could not do without inconvenience at  
Memlo Park. —

I would suggest that if possible  
you have one or more of the new  
Lamps ready to exhibit at that  
time, and in the meantime, will  
you kindly think the matter over,  
and be prepared to give us an ap-  
proximate estimate of the cost of  
the necessary Dynamo Machine, Copper  
conductors, tubes, Lamps, Engines  
and other apparatus, for one of your  
proposed <sup>square</sup> Half mile Central Stations,  
with say 500 Lamps. Oblige

Yours Very truly,  
Percy R. Edson

THE EDISON ELECTRIC LIGHT CO.,

8 BROAD STREET,

MORRIS GRANN, Pres.  
H. H. GALLAGHER, V. Pres.  
E. T. FERRIS, Treas.  
G. H. WOODWARD, Secy.

New York,

City of the \_\_\_\_\_ 1879

My dear Edison

The Company has no  
real & must have one made  
at once, the Reg. Laws provide  
that it shall have an ap-  
propriate device. What  
do you think of enclosed  
sketch. The criticism is  
that there is more dynamo  
machine than light. I  
send you Mr Edison's remarks  
on the subject. Please send  
me an appropriate sketch  
about the size of the  
enclosed -

Yours truly  
C. Woodward



[ENCLOSURE]

In regard to the device on your sketch, it is appropriate, though it strikes me that the "Dynamo" part of it is rather too prominent in proportion to the "Electric Light" although the former may be called the source of the "Light" yet the latter, in the way it is produced, and in what it is to be used is the great feature of our Company, and it would seem as if it should be made more prominent in the seal — perhaps, Mr. Edison could now furnish a sketch which would help us to decide —

Very truly yours,  
Percy H. Wilson

Office of The Edison Electric  
Light Company  
3 Broad Street  
New York Oct 20<sup>th</sup> 1879

The annual meeting of  
the stockholders of the  
Edison Electric Light  
Company will be held  
on Tuesday the 28<sup>th</sup> inst  
at 12 o'clock noon.

W. Woodward  
Secy

Office of The Edison Electric  
Light Company  
3 Broad Street  
New York Oct 20<sup>th</sup> 1879

The regular quarterly meeting  
of the Board of Directors  
of The Edison Electric Light  
Company will be held  
at the Office of the Com-  
pany on Tuesday the  
21<sup>st</sup> inst at 2 1/2 o'clock  
P.M.

W. Woodward  
Secy

Office Edison Electric Light Company  
3 Broad St. New York Octo 23<sup>rd</sup> 1879

Dear Sir:

A special meeting of the  
Board of Directors of the Edison Electric  
Light Company will be held at the  
Office of the Company, on Friday the  
24<sup>th</sup> inst. at 2 1/2 P.M.

By order of the President

C. Soudard Secy

John K. Porter.  
Governor E. Loring.  
Gen. Walter Stone.  
Gen. Francis Stone.  
Gen. S. Hamilton.  
Wm. L. Porter.

P. O. Box 1636.

Porter, Loring, Stone & Stone  
Attorneys & Counsellors at Law

No. 3, Broad St., New York.

October 24<sup>th</sup> 1879

My dear Edison:

There was to have been a meeting of the Board of Directors of the Edison Electric Light Co. today to consider the proposition of raising more capital in the manner proposed by the Executive Committee. I have been home sick for all this week and do not know what if anything was done. I regretted to see however in one of the directors a few days since a strain of opposition to the proposition on the ground that you agreed to give them an electric light and that they agreed to give you fifty thousand Dollars. They had paid this money and if any more money was needed they ought not to grant to you the equal terms which were formerly granted. The proposition was evidently misander-

John K. Lavery,  
Governor & Livery,  
Geo. Walter Stone,  
Chief Executive Officer,  
Geo. S. Hamilton,  
Vice-President.

P. O. Box 1836.

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Parlor, Lowrey, Loran & Howe  
Attorneys & Counsellors at Law,  
No. 3 Broad St., New York.

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stood by the gentleman in several respects. I concerted this but did not produce very much effect. The danger about this business is simply that if the money gets an advantage, that advantage will almost certainly be pressed in case of delay or difficulty to the disadvantage of your interest and the interests of those who have taken their stock from you. This is not unnatural or unusual, but in the case of an invention which is to be of such enormous value if of any value whatever, I think it fair that the interest given to the inventor should be kept at all times equal to the interest given to the money which comes in to aid him. Money can be got in many places and is

John K. Porter,  
Governor of Levy,  
Geo. Wales Horn,  
Chas. Francis Stone,  
Geo. S. Hamilton,  
Wm. L. Porter.

P. O. Box 1836.

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Porter, Lowrey, Loren & Stone,  
Attorneys & Counsellors at Law,  
No. 13 Broad St., New York.

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a great variety of ways, but I am not at the present informed of the existence of more than one man who would be by any considerable number of people, thought equal to the work which you are engaged upon. The question of supply and demand therefore makes money cheap and talent valuable and dear. That argument prevailed and was adopted at once when we made our original agreement. Had there would be no difficulty whatever in getting money paid or for loan or advance to the Company, but that would put things in this situation that the lenders being creditors of the Company might find themselves at some future time, perhaps very near by in a position to acquire

John K. Porter,  
Governor of Lowell,  
Gen. Wales Stone,  
Chas. Francis Stone,  
Gen. S. Hamilton,  
Wm. L. Porter.

P. O. Box 1836.

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Porter, Lowrey, Loren & Stone  
Attorneys & Counsellors at Law  
No. 3 Broad St. New York.

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the whole of the Company's interest in  
the patents, wiping out all the stock  
and taking from you or from your  
family perhaps just at the moment  
of success, all the reward due to your  
labour. His argument also has been  
accepted by every member of the Board  
to whom I have suggested it as fair  
and the method proposed of having you  
assign some other countries has seemed  
to be a convenient one as well as  
a reasonable one. The gentleman, to  
whom I referred, did not have time  
to talk to me much and at length  
and perhaps he will change his views  
and for that reason I do not mention  
his name.

He did make one point however  
which had not occurred to me and which

John R. Porter,  
Governor P. Lawry,  
Geo. W. Van Svoest,  
Chas. Branta Stone,  
Geo. S. Hamilton,  
Wm. L. Porter.

P. O. Box 1836.

(57)

Porter, Lowrey, Loran & Stone,  
Attorneys & Counsellors at Law,  
No. 3 Broad St., New York.

187

I think well taken, which was, that the proposed increase of stock ought not to be connected with this method of raising new money because in order to be fair it proposed that the entire money should be raised by the old subscribers strictly in the proportion in which they had formerly taken their stock which might or might not be convenient for all. ~~I think~~ In case this was not done the new subscribers would get more shares for their dollars in proportion than the former ones. I at once said that must not be and that it would probably be best to keep the same old proportions as before and to make the increase in the stock afterwards when it could be divided equitably.



John K. Harre,  
Counselor at Law,  
Geo. Wiley Stern,  
Chas. Francis Stone,  
Geo. S. Hamlin,  
Wm. S. Porter.

P. O. Box 1836.

Porter, Lowrey, Loren & Stone  
Attorneys & Counsellors at Law,  
No. 3 Broad St. New York.

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I only write this to you now in a general way to keep you informed but not because I think there is any thing to be said or done by you at present. I think that you would do well in case any thing is said to you on the subject to be as much as possible without "views", and refer every one to me.

How soon shall I have my telephones?

I have got the gas in my house and in about ten days every thing will be in order, then I shall come down to see you and hope to bring you, Mrs. Edson and the children up with me to spend a Sunday.

L. Edson Esq.

Truly yours  
G. P. Lowrey



John R. Foster  
Governor of New York  
Gen. Wiley Stone  
Chief Justice Stone  
Gen. S. Hamilton  
Wm. L. Brewster

P. O. Box 1836.

Porter, Lowrey, Loren & Stone  
Attorneys & Counsellors at Law  
No. 3 Broad St. New York.

Nov 13 "

1879

My dear Edison:

Mr Bailey came to see me to day and is coming again tomorrow morning - I endeavoured to learn from him as much as I could of the facts in reference to the matters in Europe, and he endeavoured to convey them to me, colored, of course, with his own version.

It appears to me that the Telephone outside of France, as the Electric Light, might perhaps be got into form so that D.M.A. could take hold of it. I shall come out early in the week to see you again, and will by that time know more.

In the Electric Light we had a meeting to-day. They elected the same officers, and the question of more money came up. The general notion seemed to be that everybody was willing to contribute \$5 a share, from among the Cash subscribers - Mr Edison

John H. Irvine  
Governor's Lawyer.  
Geo. Walter Stone.  
Chief Executive Officer.  
Geo. S. Hamilton.  
Wm. L. Porter.

(2)

Porter, Lowrey, Loren & Stone  
Attorneys & Counsellors at Law  
No. 3 Broad St. New York.

P. O. Box 1836.

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presented a plan to that effect. The financial men declared, however, that while they were willing to do that they did not conceive that the stock which was issued to you was now, after the expenditure of \$50,000, on any different footing from the other stock. I stated that you were entirely willing to contribute your share, but that I thought it would be wrong to accept from you any such contribution; that while that was the correct business view of it it was not to be forgotten that you were presenting to them the greatest return for capital that ever was offered, and was giving, however, the resources of your talent, and knowledge, & devoting your health to, which only one man in the world possessed while plenty of people had capital, and reminded them that you had been entitled to receive

John K. Porter.  
Governor H. Levey.  
Geo. W. Lee.  
Chas. Emmit Stone.  
Geo. S. Hinds.  
Wm. L. Potter.

P. O. Box 1836.

Porter, Levey, Lee & Stone;  
Attorneys & Counsellors at Law;  
No. 3 Broad St., New York.

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18.

\$5000, which you had not drawn, and which had been expended for the Company. Finally it was decided to pass around a paper to subscribers for voluntary subscriptions of \$5 per share, and that for anything you chose to subscribe you should be entitled to a credit of \$5000. It appears that you have standing to your credit \$1183 - That, of course, is ~~not~~ my portion, which I have not transferred, but which still stands in your name, and which I assume will of course have the same benefit which your other shares have in this respect. As to the shares which have gone to Batchelor, Upton & others, it was understood that although the paper might be presented to them they would not be expected to join in it - In short, it will be an entirely voluntary subscription in which the small holders

John H. Foster,  
Governor of New York,  
Gen. Walter Stone,  
Chief Justice Stone,  
Gen. S. Hamilton,  
Wm. A. Foster.

P. O. Box 1836.

Porter, Lowrey, Loren & Stone,  
Attorneys & Counsellors at Law,  
No. 3 Broad St., New York.

(4)

18.

are not expected to participate. When  
the paper is presented to you you can  
subscribe \$5 a share on 100 shares and  
a credit will be given for the 5000 as  
being paid.

Very truly Yours

J. S. Lowrey

by Griffith

Thos. A. Edison Esq  
Menlo Park

H. J.

International Ocean Telegraph Company.  
Executive Office.

Samuel C. Green, Secretary. New York, Nov. 21, 1879

My dear Edison

I think perhaps I can  
find a few shares - say 2 or 4 -  
of Electric Light Stock for your  
inquirer if he is willing to pay  
the price mentioned yesterday; viz,  
\$500 - per share. Please advise me  
on this point as early as convenient.

With many pleasant recollections  
of a pleasant day

Very truly yours

J. D. Green

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Nov 24, 19

J. Green  
264

Have notified  
party how many  
shares have you  
at this price

11574

Edison

346  
G. C. S.

Philadelphia Pa  
Nov 24th 1899

Mr J. N. Edison  
Dear Sir

Your dispatch received  
I should ~~not~~ want to give  
you more than my offer of  
\$500 per share if it can't  
be bought for that I will  
invest elsewhere -

Yours Truly  
E. Gove



John H. Porter,  
Governor of New York,  
Gen. Wm. H. Seward,  
Chief Justice State,  
Gen. S. Hamilton,  
Wm. L. Potter.

P. O. Box 1836.

Porter, Loring, Tilton & Stone,  
Attorneys & Counsellors at Law,  
No. 3 Broad St. New York.

December 5 1879

My dear Edison

I have seen Wilbur, and also Dr. Green and Fabbro. Wilbur will enter our service on Monday next, and will be at your house then.

I have also seen Hegeusch, agent of Reska, and have explained to him the necessity of Reska retaining ten sixths of his interest, and that I would advise you to give him five thousand dollars, and have at the same time told Fabbro I should expect him to pay the money, to which he assented. Hegeusch thought the proposition fair, under the circumstances, and would recommend it to Reska, and desired that you should telegraph abroad that Reska is your choice for director instead of Bailey. I told him the ten things could not be very well corrected.

Tilton mentioned to me that you thought he was indiscreet in having mentioned to me the possibility that Searns and you might conflict. You would not think so if you knew exactly what was said. He was willing to congratulate me on your imminent success, and telling me that the next time I

Joh<sup>n</sup> H. Porter.  
Greene & Lacey.  
Geo. Wales Sears.  
Chas. Spruitt Stone.  
Geo. S. Smith.  
Wm. L. Porter.

P. O. Box 1836.

Parson Lowrey, Son & Son  
Attorneys & Counsellors at Law  
No. 3 Broad St. New York.

121  
came out I would be surprised beyond measure. He said  
that everything seemed to him clear and perfect unless  
it might be some question about the Semins' amputation,  
which I had already heard of and which is of course  
public matter. There was nothing which could have  
been objected to in what he said.

I have two or three other things to write you about, but  
have not time this afternoon.

Very truly Yours

C. P. Lowrey.

per LB

THE EDISON ELECTRIC LIGHT CO.  
8 BROAD STREET

ROBERT GRIGG, Pres.  
S. W. GILCHRIST, V. Pres.  
G. F. FAYANT, Treas.  
C. CHAPMAN, Secy.

New York,

Dec 6

1879

J. L. Griffen &  
Dear Sir

Your statement  
of expenses Nov 15<sup>th</sup>  
\$243.<sup>48</sup> has not reached  
my hands. Please  
ask Curran to  
send me a duplicate

Yours truly  
C. Curran

OFFICE OF  
The Edison Speaking Phonograph Co.

President,  
GARDNER G. HUBBARD,  
Vice President,  
THOMAS A. EDISON,  
Secretary and Treasurer,  
E. H. JOHNSON.

1006  
New York, 12-7 1877

My dear

I saw Wilson  
to day & found that Lowry tried  
to get him to hire on to W & Co  
to examine into your patents  
& see what they had &c - I told  
him to let that drop for the present.  
That you had several months  
work for him on Electric Light & I had  
some on other matters & if he  
undertook too much he would slip  
in all - that the first thing is the  
Light, when that is done. There is  
time enough to take up with outside  
things -! Keep on eye on this. Tell Lowry

OFFICE OF  
The Edison Speaking Phonograph Co.

President,  
GARDNER G. HUBBARD,  
Vice President,  
THOMAS A. EDISON,  
Secretary and Treasurer,  
E. H. JOHNSON.

2 New York, \_\_\_\_\_ 18

to let him alone till he is  
done with Light & Compress  
rows?

Yours  
W. H. Paine

W. Dec. 26/79  
Friend Edison,

I cannot refrain  
from dropping a word  
of caution in fixing the  
day for a public exhibi-  
-tion of your great in-  
-vention - I am much  
older than you are, and  
a friend, and therefore I  
feel sure you will not  
take it amiss if I sug-  
-gest to you the wisdom  
of the business necessity

of giving the whole system  
of in-door & out-of-door  
lighting a full test of  
continuous work for a  
week, day & night, before  
inviting the public to  
come & look for themselves.

As long as you are try-  
ing private experiments  
even before 50 people  
a partial failure, a  
mistake would amount  
to nothing, but if you  
were to address yourself

Ready to give a public  
demonstration of what  
you considered a complete  
success, any disappoint-  
ment would be extremely  
damaging - probably more  
so than may appear to  
you as a scientific man.  
You are perhaps giving  
the test above referred to  
even now, and I only  
write to make sure that  
for your own sake as well  
as that of those interested

With your every presentation  
is taken to insure the suc-  
cess you so well deserve

Yours truly,  
J. P. Webb

E. P. Webb

My dear Sir  
E. P. Webb  
12/18/19



New York Dec 26/79

Respected Sir

Have a few dollars to invest  
and having implicit confidence  
in your experiments in reference  
to the Electric Light Co -  
will you have the kindness  
to inform me whether the  
enclosed advertisement  
refers to your invention

Prof. J. Edison I have the honor to remain  
Woods Park N.J. Yours obediently  
75 Franklin St  
Chas. Kohlman



48 G St., So. Boston,  
Dec. 26<sup>th</sup>, 1899.  
Thomas A. Edison, Esq.,  
Mentor Park, N.J.

Dear Sir, Will you be so  
kind as to inform me --  
or hand this to some gentleman  
who will do so -- whether  
there is any stock for sale  
in the company owning your  
electric light, and if so,  
of whom and at what price  
I can purchase a few shares.  
Yours Truly  
W. B. Burnham.

THE EDISON ELECTRIC LIGHT CO.,

8 BROAD STREET.

NEW YORK OFFICE, 70 WALL ST.,  
N. Y. CITY OFFICE, 15 FINE  
K. ST. PARK, TRINITY  
C. GREENSBORO, N. C.

New York, *Decem 27<sup>th</sup>* 1879

Thomas A Edison Esq  
Menlo Park

Dear Sir: A friend of one of our important stockholders, who has great confidence in you and the scientific success of your method of electric lighting, upon reading the interview of the Sun Reporter with you in this morning's paper has made some figures as to comparative cost which do not prove the superior economy of electric light over gas. I send them to you that you may point out in what particular they are incorrect, for unless we can disprove his figures our claim to supply light at one third the cost of gas must fail.

We have no doubt that you have well considered all these

THE EDISON ELECTRIC LIGHT CO.,  
8 BROAD STREET,

HENRY CHASE, Pres.  
R. M. GILLWAY, V. Pres.  
R. D. FOSBER, Treas.  
G. GODDARD, Sec'y.

②

New York, \_\_\_\_\_ 18

points & will be able to show us where the weak points of the accompanying figures lie - He says Mr Edison intends to have 1250 horse power at a station, of this he expects to run one 250 horse power engine continuously and the other during such hours as required -

250 h.p. 24 hours at 1¢ per h.p. per hour \$60.  
1000 " " 6 " " " " " " 60

to supply 10,000 lights (i.e. 8 per h.p.) 120

10,000 gas lights burning an average of  $3\frac{1}{2}$  feet per light (which he claims is the average size of burners) is 35000 feet per hour 6 hours = 210,000 feet, this he claims can be delivered to consumers at 6¢ per m cost, or \$136. & can be produced and placed in receiver at 35¢ per m or 105 -

Yours truly  
G. Goddard

Dear Edison, <sup>this is from one of the con-</sup>  
sultants of the Company -

I assume that it is not true -

In respect to the railway - the separation of  
different countries is an important element  
in the scheme which I shall present in  
when I get a chance

W. J. G. P. L.  
G. P. L.

[ENCLOSURE]

#### ABOUT ELECTRIC LIGHT.

The American public has probably never before been subjected to so widely advertised and so purely theoretical a promise of future benefits as in the past year under the above heading.

The great brilliancy of electric illumination, and its reputed cheapness on a large scale, have led to almost numberless attempts to utilize it for general purposes, but, so far, notwithstanding the wonderful claims made for it, not a single evidence of practical ability to compete with gas light for the general uses to which gas is put has been given to the critical test of relative economy.

Even in those special uses to which it is best adapted, where single large lights can be made to subserve the purpose of many smaller ones, its introduction makes slow progress. It is commonly thought that Paris has been and is lighted by electricity; this is not true. During the time of the Exposition there were many electric lights in and about the buildings and in the neighboring avenues, but nothing like the general lighting of the city was accomplished. This was prevented, not by the power of monopolies or prejudice, but by practical difficulties which showed its cost for this purpose to be so greatly in excess of gas lighting that it was abandoned, the cost for equal illumination being 60 francs for electrical against 23 for gas light.

It is notable that the estimates of parties favoring electricity generally claim an advantage of 3 to 1 against gas, but their basis of calculation appears to be the *price paid for gas* by gas consumers, which is usually three or four times its first cost, against electricity at first cost. The same method of figuring would prove very disastrous to the showing if it were reversed, and electricity burdened with the expense of corporation management and dividends, tried against gas at first cost of materials and labor.

Electric light has long been known, and its special value for lighthouses, photography, etc., is generally believed, and it may fairly be regarded as a probable competitor with gas in large factories, and other places having a superabundant water or other very cheap motive power, but it must be borne in mind that this is yet to be proved.

This field of special use, so far as it lies inside the domain now occupied by gas and petroleum, bears so slight a proportion to the whole that it is insignificant in comparison, and the more complete our knowledge of electric light becomes, the more distinct are the indications that there is no possibility by which it can economically enter into those household uses that make gas a

[ENCLOSURE]

luxury. The main difficulties in its way embrace want of original economy, great loss in subdivision, the comparatively short distance to which the illuminating current can be carried, and want of reserve of light to cover emergencies. Beside these are the lesser troubles, such as want of meters, dependence on the gas companies for carbons, necessity of constant attention, delicacy of adjustment, etc.

The public mind seems to couple the name of a certain well-known inventor with certain improvements in electric light; when, in point of fact, he has done absolutely nothing toward those improvements, except to proclaim himself the discoverer of a theory that with ample time and means he has so far quite failed to put in practice. Whether this has been done through simple egotism, or in pursuance of a well-planned scheme to depress the gas stocks, and thereby to "put money in thy purse," is for the public to judge.

The real improvements in this branch of scientific industry are those of Messrs. Brush and Wallace, which probably represent the highest degree of utility and economy yet obtained, though the Jablockhoff and other foreign inventions differ from them only in minor details.

**"THE STANDARD."**

Parties having imperfect or unsatisfactory gas apparatus or other means of illumination are specially requested to correspond with the writer, who will cheerfully give any information in his power, and wishes to give special attention to alterations of unsatisfactory works.

J. D. PATTON,  
HICKSVILLE, OHIO.

**1879. Electric Light - Edison Electric Light Company of Europe, Ltd. (D-79-021)**

This folder contains correspondence and other documents relating to the establishment of the Edison Electric Light Company of Europe, Ltd. Formally incorporated in New York in 1880, the company held control of Edison's electric light patents in all the countries of Europe except for the United Kingdom. Related material can be found in D-79-022 (Electric Light - Foreign).

All the documents have been filmed.

(Copy.)

Thomas A. Edison

Theodore Puskas *and*

Joshua F. Bailey

with

James H. Banker.

Agreement.

Dated May 2<sup>nd</sup> 1879.

THIS AGREEMENT made this second day of May in the Year 1879, by and between THOMAS A. EDISON, of Menlo Park in the State of New Jersey; THEODORE PUSKAS, of 45 Avenue de l'Opera, Paris, France; Joshua F. Bailey, of 45 Avenue de l'Opera, Paris, France, of the first part, and James H. Banker, of the City of New York, of the second part,

WITNESSETH: \_\_\_\_\_

WHEREAS the parties of the first part, collectively, own or are entitled to acquire and control the exclusive use in the following countries of Europe, to wit: Belgium, Austria, France, Denmark, Germany, Russia, Italy and Spain, of certain existing and future inventions of Edison in or relating to means for the development of electric currents, and the application of electricity to the uses of lighting, power and heating - and already own certain and may hereafter acquire other letters patent of said countries or some of them for said inventions; the interests of said parties in such inventions and patents being respectively the following, namely - Edison having 30 undivided 60ths, Puskas 27 undivided 60ths, and Bailey 3 undivided 60ths, thereof.

AND WHEREAS the party of the second part desires to acquire an interest in the said inventions and patents, which the parties of the first part have agreed to sell to him, on the conditions hereinafter set forth: \_\_\_\_\_

NOW, in consideration of the premises and of the mutual agreements of the parties hereto, they agree with each other as follows: \_\_\_\_\_



FIRST:- The parties of the first part hereby agree to sell, convey and secure to the party of the second part, by instruments good and sufficient in the law of the several countries above named, for the sum of Twenty five thousand dollars, ten undivided sixtieth parts of all the right, title and interest in all the patents of Edison aforesaid, in all or any of the countries above named, which they or either of them now own or may acquire within five years from the date hereof, and the use, benefit and enjoyment of his inventions aforesaid in the said countries which they now have and in all additions to or improvements thereof which they may hereafter acquire: provided however that of said sum of twenty five thousand dollars, five thousand dollars be paid as provided in the second article hereof and the remaining twenty thousand dollars on or before the expiration of seven months from the date of this instrument. \_\_\_\_\_

And the parties of the first part agree to apply so much as may be necessary of said sum of twenty five thousand dollars, or of such part thereof as they shall receive, to the expense of Edison in developing said inventions or in making improvements or additions thereto of a like character, and of procuring letters patent in said European countries for the inventions above named and to the bringing into use as soon as possible, by sale or by other most advantageous mode, of the said inventions and patents. \_\_\_\_\_

SECOND:- The party of the second part agrees to pay to the parties of the first part on the execution of this agreement three thousand dollars of the twenty-five thousand dollars mentioned

ed in the First clause, and the further sum of two thousand dollars as soon as specifications now being prepared by L. W. Serrell, Edison's solicitor of patents, for further European patents are ready for filing in such European countries. \_\_\_\_\_

THIRD. The parties mutually agree that if the party of the second part, after paying said five thousand dollars, shall, at any time within the seven months provided in the First Clause, elect not to pay the rest of said twenty five thousand dollars-- and option to this effect is expressly reserved to the party of the second part - then the party of the second part shall be entitled to receive, instead of the ten undivided sixtieth parts, - only two undivided sixtieth parts of and in the right, title and interest of the parties of the first part in the said inventions and patents for said Countries of Continental Europe, - and after payment of said five thousand dollars and on the declaration of such election by the party of the second part - the parties of the first part will sell, assign and secure to him by instruments good and sufficient in the law of said several countries such two undivided sixtieth parts in such inventions and patents in and for said several countries, \_\_\_\_\_

FOURTH: The parties of the first and second parts agree with each other respectively - that if the party of the second part shall pay the full twenty five thousand dollars as here provided, they will, immediately upon such payment, form together a corporation under the act of the Legislature of the State of New York entitled "An Act to provide for the organization of certain business corporations", passed June 21, 1875; such cor-

poration to be such limited liability company as is provided by the 33rd Section of said Act, with a capital of three hundred thousand dollars, divided into three thousand shares of one hundred dollars each, and that upon formation of such corporation they will severally sell, assign and convey to it their respective rights, titles and interests in all the inventions and patents referred to in this instrument - as they shall stand after such assignment to the party of the second part and as provided by the first clause hereof - to wit, the following undivided interests, namely: Edison  $\frac{39}{60}$ ths Puskas  $\frac{17}{60}$ ths, Ranker  $\frac{19}{60}$ ths and Bailey  $\frac{3}{60}$ ths thereof:- and the said parties respectively covenant that they will hold their said several interests meantime for the purpose in this instrument declared, to be assigned to said corporation immediately on the formation thereof as herein agreed - provided however that shares of the stock of said Company shall be issued to them respectively in proportion to their respective interests in the patents and inventions so assigned to it. \_\_\_\_\_

In Witness Whereof the parties hereto have herunto set their hands and seals the day and year first above written.

<u>In the presence of</u>		
as to J. F. Bailey and James H. Ranker	Thomas A. Edison	(seal)
Randolph Hurry.		
As to Thomas A. Edison	J. F. Bailey.	(seal)
Stockton L. Griffin.	James H. Ranker.	(seal)
		(Seal)

State of New York  
 City & County of New York } ss:

On this 6th day of May 1879, before me personally came,  
*R.H.* Joshua F. Bailey and James H. Banker to me respectively known to  
 be the individuals described in and who executed the foregoing  
 instrument and severally acknowledged to me that they executed the  
 same for the uses and purposes therein mentioned.

Randolph Hurry

(L. S.)

Notary Public

N. Y. Co.

State of New Jersey }  
 County of Middlesex } ss:

*L.H.*  
*R.P.* Be it remembered that on this sixth day of May 1879  
 before me Notary Public duly appointed in and for said County per-  
 sonally Thomas A. Eulson who I am satisfied is the person describ-  
 ed in and who executed the foregoing instrument and I having first  
 made known to him the contents thereof he acknowledged that he  
 signed sealed and delivered the same as his voluntary act and deed  
 for the uses and purposes therein expressed.

Stockton L. Griffin;

(L. S.)

Notary Public,

Middlesex Co.

The parties to the foregoing agreement hereby severally agree that the words Sweden and Norway were omitted by mistake from the list of countries named in the preamble thereof, and therefore and for the consideration recited in said agreement shall be henceforth read and construed and have the same effect in all respects as if the words "Sweden and Norway" had been written therein next after the word Spain where it first occurs, before execution thereof, and said agreement is hereby amended to the foregoing effect.

In Witness Whereof the parties hereto have hereunto set their hands and seals the                      day of                      one thousand eight hundred and seventy nine.

In presence of

(seal)

(seal)

(seal)

(seal)

In consideration of one dollar to me Thomas  
A. Edison of Menlo Park, New Jersey in  
hand paid by James H. Barker of the  
City of New York, the receipt whereof  
is hereby acknowledged, and for other  
good and sufficient considerations  
I hereby covenant and agree to give  
to said Barker, the privilege and  
option and I do hereby give to him  
said privilege and option to pur-  
chase at par at any time within  
seven months from the 1<sup>st</sup> day of May  
1879 one tenth ( $\frac{1}{10}$ ) of my interest in  
the Capital stock of an Electric Light  
Company to be formed in accordance  
with a contract entered into and  
executed by and between me the  
said Thomas A. Edison Joshua F. Bailey  
of Paris France, and Thomas Puskas  
(the said Puskas has not yet actually  
signed but is to do so) parties of the first  
part and the said James H. Barker  
party of the second part. And I fur-  
ther covenant and agree that  
at any time during said seven  
months at the option of said Barker  
upon receiving from him the  
par value of one tenth ( $\frac{1}{10}$ ) of my  
interest in the Capital stock of

said Electric Light Company to be  
formed as aforesaid, I will thereupon  
sell, assign, transfer and set over  
to said Banker the proper certificate  
for said one tenth of my  
interest in said Capital stock

Witness my hand and seal  
this 10<sup>th</sup> day of May 1879.

Thomas A Edison



The date of this instrument  
to wit the 10<sup>th</sup> was written in  
before the execution of this  
instrument.

Witness

S. L. Griffin

FROM THE LABORATORY OF  
E. A. EDISON,  
MENLO PARK, N. J.  
U. S. A.

Nov 29 1879  
I hereby extend this option until January first  
1880.

Thomas A Edison

January 10 1880

I hereby acknowledge the receipt  
of fifteen thousand dollars in  
United States bonds in full  
payment of one tenth of my  
interest that is to say three sixteenths  
 $\frac{3}{16}$ ths of my  $\frac{30}{60}$ ths in the Electric  
Light to be given to the Edison

Electric Light - (Europe)  
Option  
T A Edison  
J H Fowler

Electric Light Co of Europe  
Limited & I hereby agree to  
deliver the said Banker  
60 when issued  $\frac{1}{10}$  one tenth of  
all the stock payable to me  
from said Co when organized

Thomas A Edison

Jan 10 1880



Blank No. 1.

**THE WESTERN UNION TELEGRAPH COMPANY.**

This Company **TRANSMITS** and **DELIVERS** messages only on condition, limiting its liability, which have been agreed to by the sender of the telegraphic message.  
Messages are not received or sent unless they are received in a country, land to the sending station for transmission, and the Operator is not responsible for any delay or error in the transmission of messages or for any loss of messages or for any error in the transmission of messages.

A. H. BILKWER, Sec'y.

WILLIAM ORTON, Pres't.

Dated W.W. & K. June 12 1879

Received at 2410

to Thos Edison

READ THE NOTICE AT THE TOP.

Your letter received let  
Griffin stop at W  
Cuttage on Saturday and  
I will explain European  
light Company to him  
J. H. Banker  
205A

John H. Porter  
Chester B. Lowrey  
Geo. W. Stone  
Wm. Francis Stone  
George L. Hamlin

P.O. Box 1836

Porter, Lowrey, Stone & Stone,  
Attorneys & Counsellors at Law,  
No 3 Broad Street (DREXEL BUILDING)  
New York, \_\_\_\_\_ 187-

Dear Mr. Bunker. I enclose copies of  
the ~~two~~ proposed contracts.  
The ~~other~~ contract has been executed  
I am, Sir,

Yours truly,  
J. H. Porter

Do I understand rightly that papers for the  
organization of Edison Electric Co of New York  
are not to be returned until the Board has  
passed on the matter in Detroit?

Revisions Continental  
Electric Light & Power Co Ltd

Capital	£ 3,000,000
Warren	£ 1,000,000
American Co	500,000
London Syndicate	500,000 paid in
Mexican Cash	500,000

£ 500,000 to be converted immediately in establishing a plant in each of the principal towns of each country controlled by the Company -

John A. Green & Son  
General Managers Electric  
16, Victoria St



**1879. Electric Light - Foreign (D-79-022)**

This folder contains correspondence, agreements, reports, and other documents relating to the establishment of electric lighting systems in Great Britain, India, and other countries.

All the documents have been filmed except for duplicate copies of correspondence.

MANAGER & SECRETARY.  
ARNOLD WHITE.

The Edison Telephone Company of London, Limited,  
Mansion House Chambers,  
Riverside, 11, Queen Victoria Street, &c.

London, January 1<sup>st</sup> 1879.

J. A. Edison Esq

Menlo Park

New Jersey U.S.A.

Sir,—

My Directors had before them, at their last meeting, a letter from Mr. J. M. Stuart, the proprietor of these, the Mansion House Chambers, in which he writes—

“ I am desirous of having the Mansion House Chambers lit up throughout by Mr. Edison's new electric process, and that it should be the first building so treated in London.

“ If you can aid me in carrying out my desires in this respect, I shall feel much obliged, and no doubt if you will kindly represent the matter to Mr. Edison, such representation will have the desired effect.

“ I am anxious to identify this building as much as possible with Mr. Edison's Inventions, and I hope his Right Company, which no doubt will soon be registered, will be able to find suitable accommodation in it.”

and I was desirous to communicate the same to you.

The Chairman's Nephew, Viscount Folkestone, is also most anxious to obtain the Right for his house in town.

J. A. Edison Esq. (2)

Em.

I am,

Sir,

Your obedient servant

*J. A. Edison*

Manager.

Griff

Answer this courteously and tell  
him we will bear in mind his  
request about Electric Light in the  
jackets

J. W. WEXEL,  
13 BARCLAY STREET,  
P. O. BOX 3112,  
NEW-YORK.

**WEXEL & DE GRESS,**

NEW-YORK, MEXICO, PERU AND CHILE.

Arms and Ammunition,

MILITARY EQUIPMENTS, &c.

AMERICAN MACHINERY AND MANUFACTURES OF ALL KINDS.

F. DE GRESS,  
ARMERIA AMERICANA,  
1ª DE PLATEROS, No. 5,  
MEXICO.

New York, Jan'y 10 1879

My dear Mr Griffin

I write by to-day's mail to Mr  
Edison on the subject of  
forming a company in Bombay  
for the purpose of introducing his  
Electric light into the Indian  
Empire. You will undoubtedly  
read said letter, and I beg  
you to assist in that  
undertaking with my best  
wishes for your well-fare

I am yours faithfully  
J. W. Wexel



J. W. WEXEL,  
13 BARCLAY STREET,  
P. O. BOX 3112,  
NEW-YORK.

**WEXEL & DE GRESS,**  
NEW-YORK, MEXICO, PERU AND CHILE.  
**Arms and Ammunition,**  
MILITARY EQUIPMENTS, &c.  
AMERICAN MACHINERY AND MANUFACTURES OF ALL KINDS.

F. DE GRESS,  
ARMERIA AMERICANA,  
1<sup>o</sup> DE PLATEROS, No. 5,  
MEXICO.

*New York, January 10/1879*

*Prof. Thomas A. Edison,  
Menlo Park N.J.*

*Dear Sir*

*A friend in this City has a few days since approached me on the subject of forming a Company in connection with some reliable parties in India for the purpose of introducing and establishing into Indian Empire the Electric light. - I take interest in this enterprise and shall be, if favorable, connected with business*

*Please write me on the subject giving your kind views on this matter and all the necessary information for the purpose of establishing such enterprise in that country. -*

*Wishing you good success health and prosperity and with kind regards to your family -*

*I am your faithfully,  
J. W. Wexel*

3. NY 9 . May 9-29  
5-28 PM

Thomas A Edison  
ms

Will it not be prudent  
to delay settling or talking  
interests with London visitors  
till Lowrey returns  
He will be here Tuesday

will Soren  
do nothing with him  
2 2 1/2 paid on light until Lowrey  
may return  
Edison  
10 5th Con  
79 9

Blank No. 1.

**THE WESTERN UNION TELEGRAPH COMPANY.**

This Company TRANSMITS and DELIVERS messages only on condition, limiting the liability, which have been assumed by the sender of the telegraphic message.

Messages sent by this Company will be repeated a message back in the same or other station for repetition, and the Company is not responsible for any loss or delay of messages.

A. R. BREWER, Sec'y. WILLIAM GORTON, Pres't.

Dated New York May 27 1879

Received at 10 5th Con

To Thomas A Edison

READ THE NOTICE AT THE TOP.

Can you come in  
town tomorrow Wednesday to  
talk over foreign matters  
and perfect agreement. Mr  
Morgan has just arrived  
from London answer

G P Lowrey

2384 pass

7 MA

G. P. Lowrey  
Kew-Forest Building, Broad St. N.Y.  
4.00 will be in to  
morrow  
Edison

John H. Foster,  
Governor of Lowrey,  
Geo. Wicks Stone,  
Chief Justice State,  
Geo. S. Hamlin,  
Wm. L. Porter.

P. O. Box 1836.

Porter, Lowrey, Stone & Stone,

Attorneys & Counsellors at Law

No 3 Broad St. New York

June 2. 1879.

U  
Dear Mr. Eison - Did you intend that I  
should draw the agreement between yourself  
& Col. Johnson, which was spoken of to-day.

Mr & Mrs. the other day -

I have been looking over the Contract  
with L. M. & Co. to see what modification  
of it is necessary in respect to your ar-  
rangement with G.; & also for the purpose  
of availing a new copy of the agreement of  
L. M. & Co. & repay you half of what you  
are to give G. - but I think I need a  
little more light - when you are next  
in town, I wish you would come in;  
I let me know if you can, when you  
are to call, in advance

Very resp<sup>ly</sup> I  
G. W. Stone

Copy

1

This memorandum made  
the 9<sup>th</sup> day of June  
in the year 1879 between  
Thomas A Edison and  
George Le Gouvard  
intends that

Whereas Gouvard  
has  
performed certain services  
for Edison in Great Britain  
in connection with Edison  
inventions and relating

to the Electric Light  
and more exactly de-  
scribed below, compen-  
sation for which service  
has never yet been  
definitely fixed now,  
for the purpose of  
fixing the same, in  
consideration of the  
presence and of one  
dollar to Edison by  
Gouvard paid before  
the delivery thereof

and the receipt of  
which is hereby  
acknowledged Edison  
hereby agrees with  
Gowand to pay to him  
one tenth of the net  
proceeds which he  
shall receive in  
money either from  
sales, royalties, license  
fees or otherwise;  
or shall receive in

4  
shares, or in any other  
form of benefit or  
enjoyment: under any  
letters patent of the  
United Kingdom of  
Great Britain and  
Ireland which have  
already been or may  
hereafter be granted  
to him for a period  
of five years from the  
date hereof for his

inventions of means  
 for the development  
 of Electric currents  
 or the application  
 of the same to uses  
 of illumination, power  
 or heating: or from  
 the use of his inventions  
 of <sup>the</sup> character just  
 described, in any of the  
 portions of ~~the~~  
 Great Britain for

which such letters  
 patent aforesaid may  
 be granted: it being  
 distinctly understood  
 and agreed by both  
 parties hereto that  
 the net proceeds above  
 referred to means each  
 residue of all proceeds  
 received by Edison  
 as shall remain after  
 deduction of all the  
 costs, charges and  
 expenses of every

7  
character which Edison  
must abate or ~~contribute~~  
contribute, on account  
of or in connection in  
any way with such  
individual interest  
as he may at any time  
have in such letters  
patent or inventions  
out of the proceeds  
therefrom to which  
he may be entitled,  
under an agreement

heretofore 8  
made with Steel  
Wagon Company  
and this agreement  
being expressly subject  
to all the terms of  
that agreement and  
especially to the right  
of said Steel Wagon  
Company thereunder  
to have a half interest  
in all the patents  
and inventions aforesaid  
in such parts of

9  
the British Dominion  
as said English  
patents shall cover.

And Gouvard  
hereby agrees that  
the foregoing agreement  
of Edouard is a full  
satisfaction of all his  
claims and demands  
of every nature  
against Edouard up  
to the date hereof

10  
on account of or  
in any way, relations  
to any of the invention  
or letter patent herein  
before referred to;  
and in consideration  
of such agreement  
of Edouard, Gouvard  
hereby releases  
and discharges  
him from all such



||    ||  
claims and demands  
aforesaid,

Get all information you can re your pair of pants

Paris  
18 June 1879.

J. A. Edison Esq  
Menlo Park  
New Jersey  
State Penn

My dear Sir,

There is considerable stir here about our electric Thermal Battery of which I presume you have heard something. The Patents are held by the Electric Light Company. It is destined for keeping a current for keeping a few Lamps going for domestic & isolated use. I was told yesterday that it works well for a time, but all at once gives out - It will run 3 or 4 Carbon lights. I will get fuller details of it for the next Mail as you may be able to get up something that will beat it & such a thing would be very desirable. Pooker's Brother is showing the Telephones in Austria & Mr Pooker will go to Belgium next week - I go there also for a few days but shall for the present spend the greater part of my time in Paris. I received Mr Griffins letter I hope he will repeat often. Please my friend to send over his own signature - it will serve just as well.

Yours Very truly,  
J. D. Bailey

John H. Porter,  
Governor P. Lowry,  
Geo. Wiley Stone,  
Chas. Francis Stone,  
Geo. S. Hamlin,  
Wm. L. Porter.

P. O. Box 1836.

Porter, Lowry, Stone & Stone,  
Attorneys & Counsellors at Law,  
No. 3 Broad St. New York.

Saturday June 19 1879

Dear Sir,

Mr Pabbi has agreed upon Monday at one o'clock as the time for executing the "Drexel Morgan & Company agreement." Mr Lowry is very desirous that you should be here at that time that the execution may be completed as he considers it very important that this should be done at the earliest possible date.

We have telegraphed you and write now only to impress upon you the importance of your presence on Monday

Very truly

Chas. Lowry Stone & Stone  
by R.

J. A. Edison Esq  
-Weeds Park

Encl

Patent and Designs Registration Office

33, Chancery Lane

BREWER & JENSEN,  
ENGINEERS & PATENT AGENTS.

London, W.C.

July 12<sup>th</sup> 1899

Col. Gouraud  
6 Lombard Street

Dear Sir F. C.

We are much obliged for  
letter from Mr. Chadwick  
respecting the patents of  
Mr. Fox and shall be  
pleased to receive your  
instructions to report on their  
bearing upon Mr. Edison's patent.

We return the letter  
herewith and remain

Yours truly  
D. Brewer & Jensen

With regard to my letter in  
case we should ever use anything  
in the Lane Fox patent which is doubtful  
that we shall of course be ready to  
take business.

6. Lombard Street, E.C.  
London, 114<sup>th</sup> July 1879

F. W. Edison Esq  
Menlo Park  
New Jersey U.S.A

Dear Edison,

I send you letter of  
David Chadwick Esq. dated  
July 15<sup>th</sup> 1879 regarding conflict  
between his patents and  
your own for your information

Yours truly  
W. S. Mason

London July 14 79

Howard

Regarding Charles's  
letter

Replied July 10 79

2, Moorgate Street,

London, July 14<sup>th</sup> 1879.  
E.C.

Dear Sir

I was sorry I could not keep my appointment punctually this afternoon, and that when I called you were out and not likely to return before 5 o'clock.

I wish to confer with you confidentially upon a suggestion which I have ventured to make to Mr. Fox. I notice that in the claims made by Mr. Brown in his recent Patents there are 5 distinct <sup>items</sup> included which have been previously claimed in Mr. Fox's Patents, - and each of these 5 points are very important. My long conversation with the working of Patents has impressed upon me the desirability in a great many cases of Cooperation in preference to competition or antagonism. I enclose herewith ~~the~~ a list of the 5 points above referred to. There are I believe others but none of them are vitally important.

I should like to confer with you confidentially and without prejudice to see if any friendly interposition for preventing litigation by the union of the Patents in any way, shape or form that may be desirable can be carried out. If nothing comes from our

freely conferred the parties can fight their battles  
and claim as though nothing had been said.

Mr. Lane has very influentially connected  
and the Optical Electric Light Co. have recently taken  
an interest in his improvement.

I left a memorandum with you to say  
that if convenient I should be glad to see you  
tomorrow if you could give me a call from 11 to  
2 o'clock.

I am

Yours truly  
David Chadwick

Col. Gouraud  
6 Lombard St.  
CC.

see p. 10

(P.S.) Since the above was written I have received  
your memorandum and will call upon you tomorrow  
from 2 to 3 o'clock. J.P.

over



Memorandum of claims by Edison - previously included in *Levee* Edison's Patents:-

1. System of distribution with earth current.
2. Use of secondary batteries
3. Covering incandescent wire with earthy matter or "Pyro-insulating"
4. Continuous conductor composed of compound of refractory conductor + non conductor
5. Conveying conductor in iron pipes with insulating liquid.

—————  


Recd. July 4. 1880  
 J. P. [unclear]  
 Residing [unclear]

1880

John R. Porter,  
Governor H. Lowrey,  
Gen. Miles South,  
Chas. Emoris Stone,  
Geo. S. Hamlin,  
Wm. L. Potter,  
P. O. Box 1830.

Porter, Lowrey, Loren & Stone,  
Attorneys & Counsellors at Law,  
No. 3 Broad St. New York.

July 22. 1847

Alm Dear Erica. Your letter was so  
interesting yesterday. Mist I  
only hope that I was to take  
your acknowledgment to the paper  
(D. in O.C.) the next time you  
come to New York. Please come in  
and repair the mischief. Per-  
haps we will send you a  
letter you a acknowledgment =  
Yours truly  
J. M. Stone

We have a notary  
here

6 Lombard Street London E.C.

24<sup>th</sup> July 1899

Thos Alva Edison Esq  
Morris Park

New Jersey U.S.A.

My Dear Sir,

I enclose herewith Specifications  
for Electric Lighting of St George Lane Fox  
Lane

N<sup>o</sup> 3988 dated 9<sup>th</sup> Oct 98

4043 " 12 " "

4626 " 14<sup>th</sup> Nov "

which I have been requested to forward to you,  
by Mr David Chadwick M.P., for your perusal  
Mr Chadwick's letter which I also enclose will  
explain matters.

I confirm receipt of following cable:-

Power of Attorney signed and mailed

This has come just in the nick of time  
as things have reached a culminating point  
regarding Manchester, and I have had to state  
definitely what I would do, and could only do so  
with the knowledge of the Power having been  
executed

Yours very truly,  
W. Edman

John H. Porter,  
Grassmoss & Leaveny,  
Geo. Wales Haven,  
Chas. Everett Stone,  
Geo. S. Hamilton,  
Wm. L. Porter.

P. O. Box 1836.

Porter, Lowrey, Loren & Stone;

Attorneys & Counsellors at Law.

No. 3 Broad St., New York

July 25 1877

Dear Mr. Eason. I send as you  
requested your copies of agreements  
with David Morgan & Co. & Foster  
and with S. M. & Co. as & forward

I have a pleasure in this

Gift.

Yours very truly,  
J. H. Porter

John K. Porter,  
Governor's Lawyer,  
Chief Justice Stone,  
Gen. S. Hamilton,  
Wm. L. Porter.

P. O. Box 1836.

Porter, Lowrey, Loran & Stever  
Attorneys & Counsellors at Law,  
No. 3 Broad St., New York.

Engl. 1877

Dear Mr. Edison. In preparing to make  
assignment of your English Patents to  
Fabbri & Lowrey, I find from herewith  
that as for them are of use to you?  
"Invention of the 'Siphon' as a Communicator  
from 'yourself' - I have must be assign-  
ment in that case by I should either  
first to you, or it may be directly to  
J. & L. as Trustees -

Will you instruct me further  
I have then such one of these two  
modes of assignment made, as he  
may decide to be best - I have  
written to my friend, on above points  
very truly,  
C. H. Stever

LWS. Will you have the assignment  
made accordingly

T. A. Edison

E. C. Europe

SUCCURSALE

**Haid, Müller e C<sup>ia</sup>**

SUCCURSALE

**BIELLA**

**TORINO**

**TORINO**

Via del Duomo

6, Via San Francesco da Paola, 6.

84, Via degli Artisti (Vandiglia).

Geniale: E. Hünzelor

Casa d'Art: Michele Mondino

AGENZIA

in MATERIE PELLI e FURNITURE  
per la Fabbricazione

AGENZIA-RAPPRESENTANZA  
per tutta l'Italia  
INCASSI E DEPOSITI

DEPOSITO e FABBRICA

di Macchine per la Cappelleria

LAVORAZIONE

PELO-DA CAPPELLI

ecc.

ecc.

(Casa fondata nel 1854)

Rappresentanti in Italia della "SINGER" Manufacturing Company di New-York

MACCHINE A CUCIRE

Torino, li 4<sup>th</sup> Sept 1879

Signor Thomas A. Edison

Menlo Park

(New Jersey) U.S.

Car Sir

Your name is now known almost over the whole world and the problem of an economical electric light for public illumination expects his final solution from you

Many very important towns in Europe has by this time made experiments, without a definite result and as we have been connected and engaged in this line and specially in providing the dynamo electric Machinery we follow the progress with all possible attention and interest.

In taking the liberty of addressing you direct

it is with the hope of receiving from you some indication and description of the actual state and system of business or beds, and what there has been obtained by your perseverance -

Any catalogue description or even your views for the future will be to us of the highest interest -

We only look to it, on account of its commercial importance, and if we could be of any use to you in Italy we shall feel honored to be at your disposal be it in quality as correspondent agent or in any way we can be agreeable to you

The General Patent Office for Italy is here in Genoa and not in Rome, and so we can assist you in any information easily as well as in taking out and patents or protests, old ones

Crushing to receive simply an answer to the present, we are dear Sir

Yours respectfully,  
Hans Müller

My opinion of lighting is reaching the point in which sufficient from

We invite specially the few  
Court Hotel & our business only  
your name as a first part  
there is a Co central jobs for  
wipe born to get it papers  
Here & ready for public you  
will doubtless learn their  
press paper, printer to add

PIM, FORWOOD & CO., New York.  
T. & G. FORWOOD, New Orleans.

Cable Address, "PIM"

Dress Building

37 Wall Street

It will be impossible for me to go into any arrangement, at present in regard to the Lane Fox patent when I have perfected the right it will then be time for the Foxes to be heard. <sup>15 Oct</sup> <sup>1899</sup>  
P. O. BOX 2811  
different of being practically inoperative and invalid.

Sir

Before leaving England I was asked by some friends interested in the development of electric lighting if I would see you with a view to making some arrangement to avoid any conflict of interest in the working of the patents which have been registered in London by yourself & also by W. Lane Fox. I shall be very glad if I can be of any assistance in this matter & if you would favor me with an interview. I will call upon you at any time you may appoint

I am

Yours very truly

William D. Forwood



PIM, FORWOOD & CO., New York,  
T. & C. FORWOOD, New Orleans.

Cable Address, "PIM"

Green Building

31 Wall Street, New York

New York Oct 31 1879

P. O. BOX 2811.

Darwin

Some letters of the  
20<sup>th</sup> arrived during my absence  
from town as I should have  
sent you an earlier  
acknowledgment.

I understand that you  
and William Fox are proceeding  
upon the same lines in  
the development of your  
discoveries - it would  
therefore appear to me very  
desirable that some mutual  
arrangement should be  
made in regard to those  
patents in which William  
Fox has a priority - William  
- Fox expressed himself as

very desirous of working  
with you and he is  
prepared to make a very  
liberal arrangement  
his great desire, being  
that the progress of  
discovery in science  
by others should not be  
hindered or impeded by  
difficulties as to patent  
rights.

I shall be glad if  
you can see your way  
after consideration to  
entertain the proposal  
in all event to talk  
it over with me - I  
may add I have no  
personal interest  
whichever in the matter  
& am only actuated by a  
desire to promote



Henry Cox  
and parcel 74  
Bromfield House  
Camp Hill  
Birmingham  
England Nov. 18. 1879

To J. A. Edison Esq?

Dear Sir

I trust you will  
pardon my writing you, but my only  
object is by seeking aid were at the  
fountain head direct, to ascertain  
the actual state of things in regard to  
the probable future of your discoveries  
in electricity so far only as the electric  
light is concerned. Without pretending  
to flatter, I must say that I have all  
along taken great interest in everything  
wherein your name has been associated  
more particularly the "light" - and I wish  
just to tell you this viz. - upon your  
first statement in the papers - the light  
sprang up in different parts of England  
and Europe - the various methods having  
been patented; and the mass of the  
people - the great majority by far of the

People of this Country took it for granted it was your discovery being carried out, and but few like myself saw that it was a radical thing but merely the old light improved and partially divided, and that the proprietors were those who rushed at once, to protect their so-called patents fearing you would at once use to speak vulgarly "Sweep the board".

Your various letters and correspondents remarks - caused great and wide spread interest in this Country - but latterly in various companies where I have been present and the light debated upon, altho' I took your side entirely saying that "Edison's system of regulating and dividing - is different to all others - it is science and chemistry all existing lights are charcoal candles, this is nothing of the sort, the last statement as to its application that I know of, is that it was going to be tried experimentally in a New York suburb - that this would take time, and that it took much longer than people fancied it would to lay down all the needles in the way of insulated wires

to competing the cable; and that I believed Edison's discoveries would before long be supplant gas, even in the usual domestic apartments now supplied with gas - but no, I have been repeatedly overwhelmed by numbers disbelieving my statements and my opponents unanimous agreement has been to this effect - "Oh! as usual - America again," promises only! plenty of tall talk, where is his boasted light, why don't we see it? He and so on in this strain, and my object in writing you, is that by your kindly letting me know as I say the probable future of your light in your opinion: I could place matters better before the disbelievers, and therefore I again beg of you to forgive my thus intruding upon your kindness, and trust you will kindly send me the news requested -

I will not make your letter public, unless you grant permission, and then I should not forward anything more for publication, etc, not this letter, but merely your reply

prepared with the remark that it is in  
reply to request for news kindly enter-  
tained by you as to the progress of  
your discoveries in the subdivision  
and regulating of the Electric Light  
once more apologizing for thus  
troubling you.

Believe me  
yours truly  
Henry Cox  
M. R. C. S.  
State Comptroller  
Dunn Corporation

Dear Sir, <sup>If write a</sup>  
My light is perfected and <sup>let</sup> <sup>will begin</sup>

ere you receive this you will

probably have heard full

details through the papers of

the public exhibition you T. A. E.

30 Dover Eng  
July 14, 80  
Robt Chickell  
a July 19

Any it will be I can be  
sometime before I can be  
Dover, Dec. 30.  
Have as a large  
works must be  
erected in N York  
to practically introduce  
it ~~into~~ 1879.

I am one of those at  
a distance who have faith  
in your wonderful discoveries,  
and congratulate you  
heartily on your brilliant  
success in adapting the  
electric light to our  
household wants.

Might I ask of you the

great favour of being intro-  
duced to the manufacturer  
who could supply me with  
generator, lamps and regulators  
with as little delay as possible.  
I should require about 80  
or 100 lights for my house  
the motor power I could  
get here.

I am, Sir,

Yours very truly  
Robert Chignell.

H. Edison Esq.

Arctic  
Iceland  
Greenland  
~~Portugal~~  
Gibraltar  
Borneo  
Sumatra  
Java  
Ochun China  
Corea  
Madagascar  
Siberia  
Honolulu S. I.

Clad. Light wants to be supplied  
of the following countries



O  
 Sumatra            Mauritius  
 Siam                Holland  
 Afghanistan      Japan  
 Belorochistan    China  
 Persia              Russia  
 Turkey             Bulgaria  
 Egypt              Roumania  
 Morocco          Albania  
 Tunis               Montenegro  
 Algiers             Serbia  
 Abyssinia          Asiatic Turkey

Greece =

Athens  
Corinth  
Missolonghi  
Salamis



632

Philippine Island  
Bermudas  
Malta  
Cyprus  
Crete  
Langkatas  
Mozambique  
Jamaica  
St Helena  
Ziber  
Kamschatka  
Catal

Mexico  
Cuba

[4]

The Edison Foreign Electric Lighting Co  
The Edison Foreign Electric Light Supply Co  
The Edison Foreign Electric Light Supply and Maintenance Co

1879. Electric Pen (D-79-023)

This folder contains correspondence, agreements, and other documents pertaining to the domestic and foreign marketing of electric pens, related questions of patent ownership and interference, and postal regulations affecting electric pen sales. Much of the correspondence is by George H. Bliss, agent for Edison's electric pen.

All the documents have been filmed except for duplicate copies of correspondence.

EDISON'S  
ELECTRIC PEN AND PALM  
Address  
GEO. H. BLISS,  
Genl. Mgrngr.  
142 La Salle Street, Chicago, May 2nd 1899

T. A. Edison Esq.  
Menlo Park, N. J.

Dear Sir,

Dr Cleland reports to me that the sale of the Pen to Mr McCurdy, 90 Broadway, was made by Mr Eaton long before I took charge of the business and was afterwards returned for repairs but ~~not~~ <sup>not returned</sup> to my time. I am not aware of ever having been in possession of this pen, & think it does not belong to me to adjust the matter.

Respy

GEO. H. BLISS  
Genl. Mgrn.

# EDISON'S ELECTRIC PEN PRESS

Address  
**GEORGE BLISS,**  
Genl. Manager.

142 La Salle Street, Chicago, January 1877

T. A. Edison, Esq.  
Menlo Park, N. J.

Dear Sir,

I have written  
Serrvella a long letter, about  
the Huffman Patent, which  
perhaps you will want to  
read when convenient.  
Huffman came here with  
blood in his eye determined  
to get some money out of  
his rights in foreign countries.  
Although he signed crude  
reissue papers made out  
by me at Independence &  
was under contract to  
sign any others desired,  
he declined to sign any more  
unless paid at least \$2000  
to keep him out of the

foreign field. He was incited  
by parties at Independence  
who tried to make him believe  
I swindled him on the trade.  
The offer which he had  
from Baltimore for his  
patent aggravated the  
matter & since coming here  
Grist & his attorney have  
done their best to keep him  
from signing the reissue  
application. I showed him  
the injustice of his attitude  
& he, being a square sort  
of a man, repented. He  
feels personally quite  
friendly to me, although  
he considers it rather a  
rough joke that I took  
him around the Country  
65 miles on a steam  
Cooker & finally bought  
his patent at so much less  
than he could have obtained

elsewhere. Everybody is laughing at him there and asking if he feels well cooked. He thinks you are a Millionaire & an affiant to pay him \$2000 for his foreign interests as well as not & no amount of talk will convince him to the contrary. Unless this is done he seems bound to send a description of his invention to different foreign Countries in hopes of kicking the Pen there. I have promised to submit the case to you, but have given him no encouragement, as this threatening attitude doesn't seem to me to amount to anything. In coming here he has partly paid his own expenses & benefits the pen business so far, as the

+ 7

revenue papers are now signed. I found it necessary to have them made out by West & Bond who are named in the assignment to me as his attorneys. They will send forward the application to Washington immediately. This was contrary to Serrell's wish but Huffman's attitude made it necessary. I enclose a copy of the claims. The first four are those prepared by Mr Serrell. The fifth is one that I put especially stress on, as to copying stock and dated Huffman, on the old machine. The difference is that his pen can be moved at will & always maintained in a perpendicular position. The machine

57  
which suggested the idea to  
him could only be moved  
within a circle of 3 or 4  
inches & was nearly all the  
time out of perpendicular. This  
machine had a latening  
water. The old tread machines  
have much greater freedom  
of movement but are always  
out of perpendicular when  
off of a given circle. The  
6th claim is a good one if  
it can be secured & held.

The 7th was put in to  
conciliate Kuffman & is  
practically the one in the  
original claim patent,  
which he considers first  
class.

Herewith I enclose bill,  
as you request, for the  
patent amounting to \$144.00.  
The contract with Kuffman  
was \$200 for the original  
patent & \$200 for the  
reissue, & was paid him at

58

Independence. I have  
already explained about  
my own time & the charge  
for it is fair. The amount  
paid for travelling expenses  
covers the items of railroad  
fare, team hire, hotel  
bills & incidental expenses.  
Passes were got when I  
could conveniently get  
them. The object was  
such & one & the whole  
trip was so unexpected that  
little could be done in  
that direction. Railway  
fare in Kansas is five cents  
a mile & as I went pretty  
much all over the eastern  
& central part with an  
assistant, it makes quite  
an item. I never keep any  
account of my travelling  
expenses beyond the <sup>books</sup> ~~books~~  
amount paid out, but of



any one could have made the trip at a cheaper figure. Some time ago I tried to buy a patent in the ordinary way & the party I engaged to make the trade bought it on his own account & then wanted four times what it could have been bought for.

I didn't propose to let Huffman play this. As I was green in Kansas ways, I procured assistance of Parker & Church & took a steam cooker along under pretence of selling it to farmers & so got a reasonable trade out of Huffman.

Church owns a grain elevator & runs a large flour mill. He spent three days with me. Parker owns a large farm & nursery & spent ten days with me. Considering

87 The character of these men their charge is small & is \$100 less than the first bid sent. At Carthage Ill I had one of the best legal firms trying to find Huffman for about three days. I found other enquiries for him there & moved cautiously. If I can get this bill discounted you of course will have the benefit. West & Bond will charge \$65. If you give me an order on the Western Electric Mfg Co for \$701.70 I am willing to apply the balance on your foreign royalty account. As it is I am out the entire amount. Huffman was once offered the equivalent of \$12,000 for this patent. He was offered \$10,000 in cash

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for it & afterwards \$3000, he claims. He talked high at first but finally came down to \$1000. I offered \$750; \$250 down & balance in one & two years. By running his patent down on account of the limited time & by seeming indignant, he finally agreed to \$500 cash. He had six other patents to sell & by figuring on these I was able to cover up my particular object. I have worked hard for your interest & expect you to back me up to the full extent of your ability. Please don't delay in sending on order & in authorizing me to charge up the balance on your foreign royalty account. Any form of assignment you desire have Mr. Sebell send on & I will fix it. For prudential reasons with Hoffman it will be best to have the application on record in my name for the present. Respectfully

Geo. H. Birds

Gen. MAN.

2 Enclosures

1st. The Combination of a tubular handle, a reciprocating pointed instrument within such tube and a mechanism connected with and acting upon the pointed instrument, to reciprocate the same substantially as specified.

2nd. The Combination in a pen of a tubular handle, a reciprocating perforating point and mechanism for moving such perforating point substantially as specified.

3rd. The train of gearing and actuating spring in combination with the perforating point and tubular handle substantially as specified.

4th. In an instrument for marking by perforations a tubular rest for the surface of the paper and a needle point reciprocated within that tubular rest substantially as set forth.

5th. In a puncturing instrument, a case, and a reciprocating needle therein, in combination with a cam or other suitable operating device all so connected with each

others, and with the driving power, that the needle can be freely moved over the surface of the material to be punctured, and held perpendicular thereto substantially as set forth

6th. In a puncturing instrument a tubular needle case made tapering at the lower end and serving the purpose of a guide and stopper for the needle at the point and also as a handle by which the instrument is held and guided in use substantially as set forth

7th. A machine constructed with a puncturing point in combination with a spring when the machine entire is movable when in use as is a pen or pencil tracing point substantially as herein described and for the purpose set forth.

E. L. document from Edison  
 Copy sent to J. W. Sewell  
 June 8, 94

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EDISON'S  
ELECTRIC PEN AND PRESS

Address  
GEO. H. BLISS,  
Genl. Manager.

142 La Salle Street, Chicago, Ill. May 14th 1879

T. A. Edison, Esq.  
Menlo Park, N. J.

Dear Sir,

I accidentally met Griest last evening. He seems mellowed down a good deal. He wanted to know if there was any arrangement which could be made other than his proposition some time ago of \$5000 for his rights. I told him that payment of any money, in any way, to him, was out of the question, and he seems to appreciate the hopelessness of the situation, in regard to any such operation.

Through indirect channels I learn that he is favorable to waiving defence on your suit, providing damages are not insisted on.

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and that he is willing to take a license under your patent & pay a royalty on future sales. Such an arrangement would of course obviate further expense in litigation, but this would involve the policy of licensing others as well as Grieb, retaining the exclusive right to make Electric Pens only. I should not be adverse to this policy providing Grieb would pay 75% royalty & that you are willing to concede to most of this amount. Under such an arrangement I should say that a reasonable number of parties could be licensed to advantage. Parties receiving such a license ought to recognize the validity of your contracts by contract,

in such a way that they  
 could be sued for the  
 royalty payment if not  
 made at stated periods,  
 and a combination of wholesale  
 and retail prices for the  
 goods should be established  
 which could not be changed  
 except by general consent  
 of those interested. Submit  
 this for consideration  
 shall be glad to receive  
 an early reply, so that I  
 may know in what terms to  
 talk to Grist.

Reply

Geo. W. Pease

on the whole, I think  
 it just as they have  
 the rights which  
 don't let anyone else  
 I don't know it can be  
 made to pay without  
 one contract has never  
 the Grist

Geo. W. Pease

Prove the W. E. could  
 write the off license  
 one could have no license of  
 Proving, after many 1848 G. sold

EDISON'S  
ELECTRIC PEN AND PRESS

Address  
GEO. H. BLISS,  
Genl. Managen.

142 La Salle Street, Chicago, Ill. May 6, 1899

T. W. Edison, Esq.  
Menlo Park, N. J.

Dear Sir,

Upon Saturday morning  
I mailed you a long letter  
in regard to Huffman  
matters, and enclosed  
specifications of application  
for review as signed by  
Huffman. Also sent you  
bill for purchase of  
this patent.

I fear this letter  
may have been destroyed  
in the Post office fire here.  
Please advise if not recd.

Respy Geo. H. Bliss  
Gen. Mgr.



1c

EDISON'S  
ELECTRIC PEN AND PRESS

Address

GEORGE H. BLISS,

Genl. Manager.

142 La Salle Street, Chicago, ~~Jan 7th~~ 1899

T. A. Edison, Esq.  
Menlo Park, N. J.

Dear Sir,

Replying to yours of the third, I regret your determination not to accept a lower royalty on a cheap outfit. You do not feel the pressure which comes from the offering of a cheaper outfit on the market as I do. It is a fact that many people actually prefer a treadle pen where only occasional use is made of it. When pens are sold at such low

figures, very often we can make no impression with the Electric Pen. Griest is making good sales. He expects to make profit enough from his trade to pay legal expenses and for his trouble. When you get a judgement it will be good for nothing, because he has nothing to pay with. The only way to fight that class of competition is to make it unprofitable for them to stay in the business.

Respy

Geo. W. Bliss

Gen. Mgr

EDISON'S  
ELECTRIC PEN

Address  
GEO. H. BLISS,  
Genl. Mgr.

142 La Salle Street, Chicago, Ill.

T. H. Edison, Esq.  
Menlo Park, N. J.

Dear Sir,

Your returned favor of Jan. 8th, enclosing order on the Western Electric Mfg Co for \$751.15, is at hand, for which please accept thanks. Please write me a letter authorizing the charging up of the balance of the purchase money, for the Huffman patent, against your foreign royalty account and oblige.

I think Mr Serrell had better make out, and send me, the assignment which you want of the Huffman patent, and it will execute and return it as per your instructions. Respy Geo. H. Bliss. Jan 10/89

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EDISON'S ELECTRIC PEN PATENT

Address  
GEO. H. BLISS,  
Genl. Manager.

142 La Salle Street, Chicago, *Jan. 11/89*

T. A. Edison, Esq.  
Menlo Park, N. J.

Dear Sir,

I am in receipt of a communication from Story stating that Herz and Beetle have been up to Brussels & endeavored to "bulldoze" him with the assertion that Beetle had an exclusive contract for the sale of Pens in Europe. They tried to intimidate him so that he would do nothing except through them. He wrote to me for explanation, I called him to go ahead with the General Agency.

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and that I would protect  
him. Furthermore, there is  
on the way to him an  
order upon Beale to  
deliver over all of my  
property, and instructions  
to take legal action in case  
Beale refuses to surrender.  
If Story is a man of any  
energy the embargo on  
the pen business in Europe  
will be speedily raised.

Respy

Gen. H. Polio

Gen. Mgt

EDISON'S  
ELECTRIC PEN & PRESS

Address

GEO. H. BLISS.

Genl. Mgr.

142 La Salle Street.

Chicago, Ill. May 11th 1899

T. A. Edison, Esq.  
Menlo Park, N. J.

Dear Sir,

I have notified  
Griest of the substance of  
your communication to me,  
and stated that, unless he  
wished to go out of the  
business of manufacturing  
pens and become simply  
a subordinate agent, it  
was useless to treat any  
farther on the subject.

Respy.

Geo. H. Bliss

Gen. Mgr.

EDISON'S  
ELECTRIC PEN  
GEO. H. BLISS,  
Genl. Manager.

PRESS  
PNEUMATIC  
and  
MECHANICAL  
PENS.

176  
MARKET ST.

Chicago, 1. 12. 1879

Chas. A. Edison Esq  
Menlo Park, N. J.

Dear Sir:

Joshua M. Garcia, is  
here with an Electric Pen which he  
claims to have patented. There is a  
rubber rod 12 inches long - on one  
end is the pen & on the other is  
a rubber foot containing a small bot-  
tling. It is an awkward, ungainly thing.  
They sell at \$1.50 N. K. Small 120  
Chambers St N. Y. is the manager.  
The pen contains an ink chamber  
as the ink looks out from the center.  
There may be some merit in the  
tool but the balance is in favor  
of the pen is in the favor of the  
I write this for information only.

Respectfully

Geo. H. Bliss  
Gen. Mgr.

Is it not an infirmity  
in my part

Chicago July 29  
of 1865  
Regarding a new E pen  
and pencil

1865

John D. Smith  
New York  
Dear Sir

Received of Mr. J. Smith  
the sum of \$100.00  
for the purchase of  
the same. I have  
the pleasure to  
acknowledge the  
receipt of the  
same and to  
inform you that  
the same has  
been forwarded  
to the proper  
authorities for  
their consideration.  
I am, Sir,  
very respectfully,  
Your obedient  
servant,  
John D. Smith

Very respectfully,  
John D. Smith



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EDISON'S  
ELECTRIC PEN PRESS

Address

GEO. H. BLISS,

Genl. Manager.

142 La Salle Street,

Chicago, *Jan 15 1879*

T. A. Edison, Esq.

Menlo Park, N. J.

Dear Sir,

On account of the peculiar manner in which the information relative to Robler, the San Francisco man, came to me I did not know but you had yourself made some change in regard to the arrangement for Australia. I did not inquire to find any fault with McLaughlin. McLaughlin contracted to take twelve pens a month for Australia.

24

Commencing four months  
from the date of his  
Contract, June 5th. I  
have failed to see the  
orders. All I want is to  
have the Pen business  
pushed there with vigor  
and am willing to make  
all reasonable allowance  
in McLaughlin's favor, as  
I am especially favorable  
in my feeling toward  
him.

Respy

Geo. W. Reese  
Geo. M. G.

EDISON'S  
ELECTRIC PEN

Address  
GEO. H. BIRGE,  
Genl. Manager

142 La Salle Street,

Chicago, Ill.

T. A. Edison, Esq.

Menlo Park, N. J.

Dear Sir,

In reply to yours of  
6th will say that I have  
instructed Mr Cleland to  
deliver Mr McMurdy an  
Electric Pen outfit as requested.  
When delivered will render  
you a bill for it at cost.

Respy

G. H. Birge

Gen. Mgr

1 **EDISON'S**  
**ELECTRIC PEN** **PRESS**

Address  
**GEO. H. BLISS,**  
Genl. Mgr.

142 La Salle Street, Chicago, *Jan 15/09*

Prof. Edison, Esq.  
Menlo Park, N.J.  
Dear Sir,

We are on the verge of another pen famine. The Western Electric have 130 pens on hand. They are already being used out which can be done at the rate of about ten a day. The W.E. have an order for 100 to go to England, 50 of which, at least, must be shipped without delay. This would leave say 80 pens on hand. I have unfilled orders with

24

them 43 & have no stock  
on hand here or in  
New York or elsewhere.  
The Western Electric are  
out of stock with which  
to make pens & have  
ordered some. As soon as  
stock comes to hand they  
intend to start 500. It will  
be three months before pens  
can be had. I am between  
two stones, one of which is  
competition which can't  
be checked until judgment  
is reached; & the other is  
lack of supply of goods.

The situation in general  
is all right so far as the  
pen business is concerned  
but can be fought out

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successfully, but it requires  
time, patience, & persistence.

Meanwhile I am likely  
to starve to death unless  
something is done to increase  
my business. Have you  
anything else immediately  
available which I can  
take hold of to fill in the  
unoccupied time, & out  
of which there is fair  
prospect of making some  
money? I don't want to  
disturb present relations  
if it can be avoided &  
should prefer to take hold of  
something which will harmonize  
with the present interests if  
it can be arranged.

Respy

Geo. W. Pease  
Geo. M. G. W.

EDISON'S  
ELECTRIC PEN PRESS

Address  
GEO. H. BLISS,  
Genl. Manager.

142 La Salle Street, Chicago, ~~Jan. 14th 1879~~

T. A. Edison Esq.  
Menlo Park.  
N. J.

Dear Sir.

Enclose copy of letter  
from Rust Story. From its  
tone you will see that he has  
correct ideas of business.  
In regard to suits against  
infringers I have instructed  
him to report particulars of  
each case in which he thinks  
it necessary to commence action,  
so as to submit to you for a  
decision. I want to inform  
him how far Dr. Herz represents  
you in regard to the Quadruplex &  
other matters. Please advise me  
or oblige Respectfully  
Geo. H. Bliss  
Enclose copy Story's letter. Geo. M. J.

Brussels, Belgium.

Dec 15th, 1848.

Mr Geo. H. Davis, Chicago.

Yours of Nov 10th reached  
 me at same time as your  
 advice of the shipment  
 of the 50 pens separately.  
 The London outfits  
 should have arrived at  
 Dover by this time  
 & I expect to have them  
 in a day or two. The  
 pens ought to follow  
 soon & therefore the  
 arrival of your draft  
 will be for the best & I  
 will pay it except to  
 reserve the extra expense  
 which I claim from you.  
 This morning I recd your

letter of Dec 15th informing  
 me that you have no  
 engagement with Mr Herz.  
 I accept therefore for good  
 the representation of you  
 in Europe & I am willing  
 properly to maintain your  
 friends if they have been  
 well taken. Any suits that  
 in course of time I may  
 have to bring against  
 infringers, if any appear,  
 will be at your charge.  
 It is well therefore that  
 you understand this, is  
 it not? As soon as we  
 are in accord I will  
 verify your rights  
 in all the Countries that  
 you designate, it being



3  
 understand that this will  
 be at your expense, which  
 will be a trifling matter,  
 & in regard to France I  
 know that the laws of that  
 Country oblige you to make  
 them there. That will not  
 be very difficult for  
 me as I have many  
 relations there. But in  
 regard to the affairs of Mr  
 Beelle, I would not  
 desire to recover the  
 debts that he owes you  
 because although I believe  
 that gentlemen honest,  
 I think he is not in condition  
 to pay you. His place  
 in the Revue de Source is  
 of little importance. He  
 has an office about as

4  
 large as my head and  
 an apartment of about  
 the same size. The furniture  
 isn't worth much. I  
 think he should not have  
 come as far as Europe.  
 I counsel you to arrange  
 our affairs as soon as  
 possible.  
 I am willing, upon  
 opportunity offering, to  
 sell the pen patent, only  
 your claims must be  
 reasonable.  
 Mr Beelle demanded  
 100,000 francs (20,000) for  
 the Pen patent for Belgium  
 This is ridiculous.  
 I don't wish to do wrong  
 to Mr Beelle but my  
 opinion is that a stranger

5

isn't qualified to manage  
your affairs in Europe.  
The Paris Exposition offered  
the best opportunity for  
launching the Pen, but  
unfortunately it was  
not profited by.

Beck's means do not permit  
him to pay capable employes  
& certainly the bad work  
in distribution has been  
all wrong. I am certain  
that by myself alone I  
could in one year give  
greater publicity to the  
goods than all the agents  
united.

If you accept me as  
your European agent

6

I am convinced that  
your business will become  
of some importance and  
I this is proved by the  
results already attained  
in little Belgium.

Give me then a favorable  
reply.

I forgot to tell you that  
Mr Herz announces  
himself as proprietor  
of very many of Mr  
Edison's inventions, among  
others of the Quadruplex  
Is this true?

I can through my relations  
take out all patents  
possible in Europe.

Sincerely Yours,  
Gust-Hooy

17  
**EDISON'S PRESS**  
**ELECTRIC PEN**

Address  
**GEO. H. BLISS,**  
Genl. Manager.

142 La Salle Street, Chicago, ~~Jan. 14th 1899~~

T. A. Edison, Esq.  
Menlo Park, N. J.

Dear Sir,

The recent action of the P. O. Department declaring Electric Pen matter first class is a gross outrage, in view of their former decisions & the fact that no change has been made in the law. It will result in the ruin of the Pen business unless modified. I wish you could write the P. O., officials, strongly protesting against their action. And I think letters should be addressed to the Senators & representatives from your state calling the attention of Congress to this subject. We must get a law through Congress this winter making Electric Pen matter

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third class, if the right action can not be obtained from the Dept. Please advise me if you will do your share in the matter. I am going to circulate a petition & have protests sent in from all over the country so that there may be concerted action.

Respy.

Geo. H. Bliss  
Gen. Mgr.

EDISON'S  
ELECTRIC PEN AND PRESS

Address  
GEO. H. BLISS,  
Genl. Manager.

142 La Salle Street, Chicago, *Jan'y 12th 1874*

T. A. Edison, Esq.

Menlo Park, N.J.

Dear Sir,

You had better settle  
with Gilliland the proposition  
he is to pay you on the  
Huffman patent matter  
and let the title of the patent  
go direct to yourself. I don't  
want to enter into a windy  
negotiation with him on  
the subject at this stage  
of the game.

Respy.

Geo. H. Bliss

Gen. Mgr

I cannot afford to pay for  
street newspapers etc & let Gilliland  
derive the profit he must pay

EDISON'S  
ELECTRIC PEN AND PRESS

Address

GEO. H. BLISS,  
Genl. Mgr.

142 La Salle Street, Chicago, May 15 1889

T. A. Edison Esq.  
Menlo Park, N. J.

Dear Sir,

Will you accept your proportion of a \$3 royalty on cheap Electric Pen outfits, for the present, should it be necessary to put them on the market?

Respy

Geo. H. Bliss

Gen. Mgr.

I will accept for a few months my proportion of \$3 - on a trowel pen but not on the Electric pen at all.

EDISON'S  
ELECTRIC PEN AND PRESS

Address

GEORGE BLISS,  
Genl. Manager.

142 La Salle Street,  
Chicago, JAN. 15TH 1879

T. A. EDISON ESQ.  
MENLO PARK, N. J.

DEAR SIR:

IF PAINTER GETS THAT BILL THROUGH  
CONGRESS IT WILL BE A GREAT THING FOR THE  
BUSINESS AND MAKE IT MUCH BETTER THAN EVER  
AS IT IS NOW THERE CAN BE FEW SALES  
MADE.

THE MERCANTILE COMMUNITY ARE MAKING IT  
RED HOT FOR ME.

PLEASE KEEP ME POSTED WHAT  
PROGRESS IS MADE WITH THE BILL.  
RESPECTFULLY,

*Geo. H. Bliss*

GEN. MAN.

EDISON'S ELECTRIC PEN PRESS.  
T. CLELAND, Gen'l. Eastern Agent.

Geo. H. Bliss,  
General Manager,  
Chicago.

267 BROADWAY,

New York, Jan 17, 1889

Friend Back:

I enclose you a copy of the P. M. Gen'l last decision - His previous ruling (that E. P. work should pay written matter mail rates) has however been so extensively promulgated that it very seriously affects the sale of the Pen and plays hell with our printing business. The only remedy is to have this last ruling brought before the Public in as prominent a manner as possible - this can be done by Edison - a letter from him, or over his signature, will receive attention and be given prominence by the leading papers, while the petition of an ordinary mortal on the subject would be "cast to the dogs" - I hope that you will see the importance of this matter, and think the remedy I suggest the best one, and so doing, will put the matter before the "Old man" in such a way that he will do this -

Trusting that your Great mind is still firm despite "excessive invention" and your body ditto - I am, Dear Back -

Yours  
Frank M. Laughlin

**EDISON'S ELECTRIC PEN PRESS.**  
T. CLELAND, Gen'l. Eastern Agent.

Geo. H. Bliss,  
General Manager,  
Chicago.

267 BROADWAY,

New York, January 19<sup>th</sup> 1879.

Friend Edison:

The D2 tells me that Bliss writes him to send a No. 1 Outfit to a Mr. McMurdy and he will charge it to you. This McMurdy as I have before told you is simply an adventurer and opens this Pen controversy because he thinks it will in some way place him in communication with you - a circumstance which would not, to say the least, be of any benefit to you. In any event I fail to see why you should saddle yourself with the cost of an Outfit, when McMurdy himself only claims a Pen - a Pen which was left at the Union Square office after Bach had severed all connection with it.

I know that you will not think this officiousness on my part, but knowing the status of McMurdy I do not wish that he should claim an acquaintance with you - however indirectly - through me.

Yours

James M. Laughlin

(Personal)



17 EDISON'S PRESS  
ELECTRIC PEN

Address  
GEO. H. ELLIS,  
Genl. Manager

112 La Salle Street, Chicago, May 21st '97

T. A. Edison Esq.  
Menlo Park, N. J.

Dr. Dr.

Griet has been into see me several times lately. He talks compromise on following basis. First, he will withdraw application to your suit, past damages to be forgiven, he to cease to manufacture goods, & to buy mechanical pens of his patent from the party whom you designate, & thereafter pay ~~royalty~~ the same as the Electric Pen. He is willing to go into a combination on prices based on the

25

relative first cost of the apparatus which would bring the price for mechanical pens, as made by him, considerably less than the Electrical Pen. He is not willing to pay to the manufacturer a greater profit than the pen can be contracted for elsewhere. He claims the total cost of his present outfit does not exceed \$5, & I believe that \$6 is a fair estimate. He can't give out a good deal of the work. He wants the business of duplicating goods to be in his & my hands & no third party to be let in without our consent, only in case of necessity.

He expects to be able to make a showing in Court which will prevent an injunction, even with the reissued Huffman patent, & his lawyer asserts there is not a particle of doubt in the matter. If the fight goes on he expects to be able to keep it up until the Huffman patent shall expire, & meanwhile to keep the market thoroughly disorganized. He believes if a combination is made on your patent is sustained that no other party would care to go into the manufacture in the face of one strong

decision and that there might be permanency to the business for a good many years to come. He thinks, owing to the peculiar nature of the situation that it is in his power to render special service in this way & hence is entitled to especial consideration not given to another party. He claims to have been acting in good faith up to this time, on the strength of information actually in his hands. I don't care who is let into the Pen business on a 10% royalty basis providing 1/3 of that royalty goes to me

57

x a combination is made  
to keep up prices. I promised  
Griest to submit his views  
to you for consideration.

Respy

Geo. H. Biese

Exec. Mgt.

EDISON'S  
ELECTRIC PEN AND PRESS

Address  
GEO. H. BLISS,  
Genl. Mgr.

142 La Salle Street, Chicago, *May 27th 1879*

T. A. Edison, Esq.  
Menlo Park, N. J.  
D. C.

Replying to yours of  
24th will say that I prefer  
that you conduct negotiations  
direct with Hilliland in  
regard to the Huffman  
patent. If he don't pay  
his part then no portion  
of the royalty on pneumatic  
or mechanical pens should  
go to him. I am coming  
down pretty soon and  
perhaps it will be best  
to let the matter rest until  
I can explain my views  
to you Respy Geo. H. Bliss  
G. M.

Chicago June 27/29

Please

Regarding Huffman  
patient

wrote Gilliland about it Feb 29

see letter book

(A-9907)

**Nemuel M. Serrell's**  
OFFICES FOR PROMOTING  
American and Foreign Patents,  
76 CHAMBERS STREET.

(P. O. Box 4689.)

New York, Jan 27 1879

Wm. A. Edison Esq

Dear Sir

Mr. Bliss<sup>d</sup> wants the agreement  
relative to the Hoffman patent  
to be with him direct and so  
that he can get machines made  
it, made independent of the  
Western Electric Mfg Co. in case  
they do not supply the  
machines promptly — the  
royalty to be \$5 each. —

If this meets your wishes  
please send me agreement  
with Mr. Bliss as it now  
stands, so that the new con-  
tract can be made in har-  
mony therewith, or else call  
in to see me as soon as

possible, so that I may  
get your ideas as to the  
contract to be drawn up.

Yours truly,  
Lemuel W. Serrell

3

I don't believe that I  
would be well to make  
a contract with Bloch  
just yet = I have not  
arrangement of the point  
to me yet = I have not  
determined where the company  
is

My friend  
Lemuel Serrell  
Boston  
Sept. 19, 1879  
on this date

EDISON'S  
ELECTRIC PEN AND PRESS

Address  
GEO. H. BLISS,  
Genl. Manager.

142 La Salle Street, Chicago, ~~Ill.~~ ~~Ind.~~ ~~Pa.~~ ~~N.Y.~~

T. A. Edison, Esq.  
Meals Park.  
N. J.

Dr. Sir. To ask to the pleasure  
of the Electric Pen business,  
the Dominion agent writes  
me that the P.O. Dept there  
has ruled that all their  
Pen material must go as  
first class. I hope you will  
address a vigorous protest  
to the proper Canadian  
officials. Please advise  
me if you do so.

Respy

Geo. H. Bliss  
Gen. Mgr.  
Will see what can be done  
about them in Canada



2

Cable

7:20 am

Jan, 31 79

Edison memo Book

Order Bliss Cable story  
postponing action till  
receipt letter otherwise  
pen patents endangered

I will back Beette

Hertz

Paris

mail

T. A. EDISON.

Menlo Park, N. J., Jan 31 1879

Geo H Bliss  
142 La Salle St Chicago Ill

Just recd following cable  
from Hertz

Order Bliss Cable Story  
postponing action till receipt  
letter otherwise pen patents  
Endangered I will back  
Bailey.

T. A. Edison

23 DH

10<sup>th</sup> 8<sup>PM</sup>

14 " EDISON'S ~~NEW~~ PRESS  
ELECTRIC PEN

Address

GEO. H. BLISS,

Genl. Manager.

142 La Salle Street, Chicago ~~Ampt. Factory~~

T. A. Edison, Esq.

Menlo Park, N. J.

Dr. Sir,

Your telegram, relative to Herz cable, at hand. I wrote you some time ago that Herz & Beetle had been to Brussels and had tried to bulldoze Stoney. Stoney was very mad about this when he found they had no authority. Beetle has written me that he refuses to stop making and selling Pens, claiming my authority to do otherwise. I wrote Stoney to go for him & probably this cable is the result.

247

The offer made by Kery for Beetle will not pay one per cent on my investment, at the rate Beetle has sold pens, and the patents would be good for nothing any way under such management. Story thinks a handsome business can be done in pens in Europe and is prepared to push the business. I believe he will be successful. Kery wants me to take the greater part of my compensation in the expectation of handling some of his important agencies, Electric Light and other things, in this country. Beetle has repeatedly

3 of

Mislead me, since going to Europe, with statements of sales contracted for future delivery and which turn out to have never been concluded. I don't want any more of the expectation business and had rather fight Herz and Butler than any other two men, within my knowledge, on the face of the earth. I enclose copy of my telegram of this date.

Respy

Gen. W. G. Davis

Gen. Mgr

Enclose telegram.

[ENCLOSURE]

Blank No. 2.

## THE WESTERN UNION TELEGRAPH COMPANY.

### ALL MESSAGES TAKEN BY THIS COMPANY SUBJECT TO THE FOLLOWING TERMS

To guard against misinterpretation, the sender of a message should indicate in writing that it is intended for the confidential office of the Company. The sender can fill the regular form (attached) in addition. It is agreed between the sender of the following messages and the Company, that said Company shall not be liable for mistakes or delays in the transmission or delivery of the messages, except the amount recovered for sending the same and for redelivery or return to the sender in delivery, or any subsequent delivery, or any delay or non-delivery of the same caused by sending the same, unless specially insured for in any case for damage arising from accidental interruptions in the working of the lines, or in consequence of adverse weather.

A. R. BREWER, Secretary

(LAWSON STAGGER, Vice-President, Chicago.)

And the Company is hereby made the agent of the sender, without liability, to forward any message on the lines of any other Company when necessary for such transmission. Government in the transmission of messages to any person on the lines of this Company, can be printed by machine in writing, and any amount of time and payment of previous losses of the telegraph lines. In addition, when made claims for removal messages, this can be made for any message not acknowledged, and also, and can be made for any message not acknowledged by the Company or its agents, or any person authorized to use the lines. The Company will not be liable for damage in any case where the claim is not presented in writing within sixty days after sending the message.

WORMY GREEN, President.

Send the following Message subject to the above terms which are agreed to.

*Copy Chicago July 3/1897*  
*Get Edison. Menlo Park, N.J.*  
*Beats cost twelve thousand five hundred*  
*besides profits & sold hundred sixty per. Her*  
*offers fifteen hundred dollars and four*  
*hundred royalties. Beils says absurd to report*  
*realize investment. Stong thinks otherwise.*  
*Beils says trying to cheat business. They will win*  
*customer just trying to bulldoze Stong.*  
*Sign of Beils' death*

READ THE NOTICE AND AGREEMENT AT THE TOP.

3

July 31, 79

Cable

Henry Paris

am powerless

Edison

5 memo Paris July 31

157th  
9 mi

THOMAS ALVA EDISON,

Inventor & Designer

OF THE  
MAGNETOGRAPH,  
CARBON TELEPHONE,  
MICROPHONE,  
ELECTRIC RECORDING,  
ACROPHONE,  
AUSTRIAN TELEGRAPH,  
SULPHUR CELL,  
DUPLEX SYSTEM,  
ELECTRIC PEN,  
AUTOMATIC BRUSH RECORDING,  
ROTARY RELAY,  
RECORDING RELAY,  
REFLECTING TELETYPE,  
MORSE SYSTEM,  
REFLECTING TELESCOPE,  
DYNAMIC ENGINE,  
CARBON MICROPHONE,  
MULTIPLE COPIING INK  
INK FOR THE BLIND,  
ELECTRIC LIGHT,  
ETC., ETC.

Representative in LONDON,

GEO. E. GOURAUD.

6, Lombard Street, E.C.

London, 1 Feb'y 1879.

J. A. Edison Esq.  
Menlo Park,  
New Jersey.


Dear Sir: Copying Ink for Electric

As you have not made myself perfectly clear as to the above, I will endeavor to do so now. I hope successfully.

In order to avoid needless formalities with my regular correspondents in my letters to them, I want to introduce the

Memorandum form - similar to that enclosed. But I am met with this difficulty - that in taking a press copy of the letter, on a loose sheet for example, I cannot tell, without making a note on the copy, to whom the letter is written - You are aware, of course, that in the States the letter headings are now almost invariably done with a Copying ink - so that in taking a press copy, one has a facsimile of what has been written -

Do you not know of an ink suitable for use with an Electric Pen stencil - which would fulfil these conditions? I am under the impression that its introduction in connection with your Pen would tend very materially to increase its utility - Yours very truly  
G. E. Gouraud

 EDISON'S ELECTRIC PEN PRESS.

T. CLELAND, Gen'l. Eastern Agent.

Geo. H. Bliss,  
General Manager,  
Chicago.

267 BROADWAY,

New York, February 8, 1899

T. A. Edison, Esq.

Dear Sir:

I sent down Mr. McMurdy's Pen to him this morning and it was returned with the advice that he wanted "the whole thing or nothing." The absurdity of the demand is apparent as a man would be an Ace indeed to send an entire outfit back to have the pen alone repaired. Shall I urge him to take it?

Yours  
T. Cleland.



**EDISON'S ELECTRIC PEN & PRESS.**

T. CLELAND, Gen'l. Eastern Agent.

Geo. H. Bliss,  
General Manager,  
Chicago.

267 BROADWAY,

New York, *4th May 1897*

T. A. Edison, Esq.

Dear Sir,

This enclosed sheet comes  
from Mr. Bliss in an envelope addressed  
to me.

If you can dovetail it into any  
letter you have lately received from Mr.  
Bliss, please do so, if not return it to me  
and I will trace it back to Chicago.

Yours truly,  
T. Cleland.

Paris Feb. 12<sup>th</sup> 1879.

My Dear Mr. Edison,

I thought you saw this  
days ago. To day is mail day and  
not having received any communica-  
tion from you in regard to the article  
of said telegram I think it were to  
lose no further time -

I told you it would be dangerous  
to make a change in the administra-  
tion of the pen - The reason being  
is that in 1840, an invention for  
making holes in paper or other substance  
by galvanicity - and using the writing  
then perpetuated for several years  
was patented in France - This is  
but little known but I can assure  
you of its accuracy and of your claim  
I will send you copy of the spec-  
ifications of the invention -

Again on the other hand, I telegraphed  
you I would back Beattie in Europe  
on the business and regarding my  
ability - to carry out - this promise  
I feel assured you have all  
the necessary information required.

Beattie is ready at a moment's  
notice to settle with Bliss and  
either a draft for the amount  
he owes Bliss can be drawn upon  
him or me, the same being handed  
with immediate payment. Provided  
the draft corresponds to the  
statements rendered by Mr. Beattie  
to Mr. Bliss or upon the receipt  
of proper <sup>proof</sup> from you or Mr. Bliss  
if Mr. Beattie guarantees him  
a continuation of the business upon  
a royalty basis, the amount owing  
Mr. Bliss will be forwarded without

a day's delay.

Regarding the royalty, the  
sum per outfit claimed by me  
never exceed six dollars each  
I would advise the adoption  
of a royalty of four or five  
dollars per outfit which would  
place the electric pen upon a  
footing it has never hitherto been  
in Europe.

Should this not meet with  
your approbation Mr. Beattie  
is ready to wind up the business  
upon negotiable terms with  
the understanding however of not  
being the witness of Mr. Bliss  
and mine than Mr. Bliss desires  
to be the return of Mr. Beattie.

I fear that should this matter  
remain in its present unsettled  
state Mr. Bliss will find it  
impossible to gain any advantage

Paris Feb 14, 79

Henry

and Feb 24, 79

from the pen business in Europe -  
Truly will ensure right and left

As far as I am concerned, I  
can only say I will all difficulties  
to disappear and have nothing  
to fear personally either directly  
or indirectly by the pen business.

The advice is proper as far as  
and open. It is good as far as  
Beeth and faith as far as you  
and Mr. Bliss are concerned.

I will not stand by any one who  
seeks to do an unfair thing toward  
another and shall stick by those  
who act honestly.

This whole matter can and  
should be arranged satisfactorily  
to all - With kind regards to

Bathelot I am,  
Yours truly,

I expect to post a quantity of pens  
in the next few days.

Washington, D.C. P. O. 79

Wm. A. Edison Esq.  
Merle Park, W. J.

Dear Friend:

I have forwarded to Mr. Serrell copies of the claims in the process and Patent applications for the plate process patent. Their time for filing statement is up on the 17th and I hope ere that you will be in the office with your application.

It is becoming more clear in my mind that your Pen Contract should be non-liable. I think judgment should be obtained in the Court first in the quietest & most direct manner possible

and that he should be allowed to sell upon the general plan explained by me. I am convinced that your patent cannot be broadly sustained in the face of exhaustive litigation. By using policy in this matter you can enjoy a large revenue for many years. Please confer with Mr. Serrell who understands my views. There is a good prospect that the legislation relative to Pen Mills will reverse and this will be wholly due to Mr. Painter who is entitled to good credit for the effort in any event.

I hope to go home tomorrow.

Respectfully

Geo. W. Bell

Manufactures, Importers and Dealers in  
Telegraph Machinery and Supplies,  
Medical Apparatus,  
Burglar Alarms,  
Horns and Hotel Annunciators,  
Electric Lights, Electric Gas Lighting,  
Electric Railway Signals.  
Telephone rented & Supplies furnished.

ELECTRIC MERCHANDISING CO.,

76 MARKET STREET,

CHAS. H. BROWN, President and Business Manager.

V. E. SANDERSON, Secretary and Treasurer.

T. A. Edison. Esq  
Chicago March 5th 1879  
Menlo Park. N.J.

Dear Friend:

I remained in Washington until Congress adjourned and the Postal bill was signed with the legislation we so much desired. I enclose a copy of the law as it stands on the statute books, it seems to me that it must prove of very great benefit to the business. Friend Painter displayed rare judgement in his manipulation of this matter, and beyond all question the sections affecting us would have been a dozen times killed had it not been for his acquaintance and personal work. I think him entitled to an immense amount of credit. And when one finds such a friend as he is it will do to tie to him for life. I hope you won't forget the services he has rendered. My new enterprise is in very promising condition. Respy  
1 Enclosure

Geo. H. Brown  
E. M.

76 Montel St.  
**EDISON'S ELECTRIC PEN & PENS.**

42 La Salle St.  
 (1)

Chicago, *March 10th 1879*

*T. A. Edison Esq*

I take pleasure in informing you that at the last session of Congress a law was passed making Electric Pen matter Third Class under certain conditions and permitting it to pass through the mails at the rate of one cent for each two ounces, or fractional part thereof, when prepaid.

The Sections of the law referring to this matter read as follows:

SEC. 21. That mail matter of the third class shall embrace books, transient newspapers, and periodicals, circulars, and other matter wholly in print (not included in section twelve) &c.

SEC. 22: That the term 'circular' is defined to be a printed letter, which according to the internal evidence, is being sent in identical terms to several persons. A circular shall not lose its character so much, when the date and the name of the addressee and of the sender shall be therein written, nor by the correction of mere typographical errors in writing.

SEC. 23: That "printed matter" within the intendment of this act is defined to be the reproduction upon paper by any process except that of handwriting, of any words, letters, characters, figures, or images, or of any combination thereof, not having the character of an actual and personal correspondence.

This law is much more liberal than any ruling heretofore made by the Post Office Department and it is not open to change. I trust you will find it of great benefit to the business.

*Geo. A. Ellis*  
*Gen. Manager*

**Dennet M. Serrell's**  
OFFICE FOR PROCURING  
American and Foreign Patents,  
76 CHAMBERS STREET,

(P. O. Box 4889.)

New York, March 10 1879

J. A. Eccleson Esq

My dear Sir

I prepared an assignment  
from Mr. Bliss to yourself of  
the Huffman patent but  
it has not yet come to me  
signed, as yet.

If the license is all right  
send it to me and telegraph  
Bliss to send assignment of  
entire right to me; and that  
you have sent license to me.

I will see that license & ass't.  
are all right, so that you do  
not grant license of a date  
earlier than your ownership of  
patent, and see all right before  
sending paper for record. Yours truly  
L. M. Serrell.



Manufacturers, Importers and Dealers in  
Telegraph Machinery and Supplies,  
Medical Apparatus,  
Burglar Alarms,  
Houses and Hotel Ammuniators,  
Electric Light, Electric Gas Lighting,  
Electric Railway Signals.

ELECTRIC MERCHANDISING CO.,

76 MARKET STREET,

Geo. E. Hunt, President and Business Manager.  
W. J. HARRINGTON, Secretary and Treasurer.

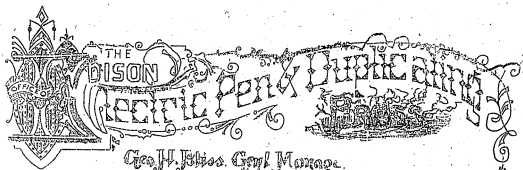
Telephone wanted @ Signalls furnished.

Chicago, McNitt's 1879

T. A. Edison, Esq  
Menlo Park N. J.

Dr. Sr.  
Your favour of Feb 25th  
inclosing copies of letters  
from Beeble & Herz, of 19th St.,  
read. If anything had transpired  
which makes you think it is  
desirable to have the business  
transferred to Herz in Europe  
I shall be glad to be advised  
of the fact. My preference  
is to go ahead with Story  
unless you think Herz can  
make the most money out  
of it for you.

Respy  
Geo. E. Hunt  
B. M.



Geo. H. Bliss, Genl. Mgrs.

76 Market Street.

Chicago, March 14/87.

T. A. Edison, Esq.  
Menlo Park, N. J.

Dr. Sr.

Since my return from the East, Suit has been in several times & offers to dispose of his entire interest in the mechanical pen for \$3500. He has stock on hand which would realize about \$1000 when sold & some \$500 worth of tools. This would make the actual cost \$2000. Undoubtedly it would be cheaper to make this purchase than to fight the case through. I have not the resources to do it & you would have to provide them if thought advisable. In this case he would let the suit go to judgment with reasonable show of opposition. If a favorable decision was reached it would no doubt have great influence with other parties who have attempted to manufacture pens, & would secure the business for some years to come. I have

represented to Grist, that you are extremely stubborn about the matter of the suit, & was disposed to press it to a decision. If life were long enough and the resources at hand stood enough to stand the strain I think Grist would finally die a natural death in his mechanical pen effort. This however would not be half as well as to get a good decision in the pending suit. I think \$2000. or \$2500. would be well spent in the right kind of a compromise. The effect on the future is what I am looking at. If you are disposed to do anything about this, please write me. I think a good part of the amount could be arranged for by time payments.

Respy.

Geo. H. Bliss

Genl Mgr

and cannot do it  
worse rather than better

EDISON'S ELECTRIC PEN.

Geo. H. Bliss Gen. Manager.

76 Market St. Chicago, Ill. July 7, 1879

Mr. Edison Esq.  
Menlo Park.

N.J.

Dear Sir,

Yours of 13th at  
hand. Glad to  
hear there is no  
change in regard  
to Her. S.

Respy  
Geo. H. Bliss

Geo. H. Bliss  
m



EDISON'S

ELECTRIC PEN & PRESS.

76 Market Street.

Address  
GEO. H. BLISS,  
Gen. Manager.

Chicago, Mar. 21, 1879

T. A. Edison, Esq.  
Menlo Park N.J.

Dear Sir,

I rec'd from Mr Serrell a copy of the license which you have made out for me under the Huffman patent & in accordance with his request I have mailed him an assignment of that patent to you. I asked him to have you mail me an order on the Western Electric Mfg Co for \$313.35 to take the place of the order given them by Mr Hilliland, who has never been accepted by me. This with the order which you previously sent me covers the entire cost of the patent. Please send the order along on receipt of this letter & greatly oblige.

Respy

Geo. H. Bliss

Genl Mgr

EDISON'S <sup>WEST</sup> PRESS  
ELECTRIC PEN AND PRESS

Address

Geo. H. Bliss,  
Genl. Manager.

76 Market Street

Chicago, Nov 20, 1879

Edison Esq.  
Menlo Park  
Dr. Sr.

Foster is working  
on a new device. He has  
a revolving wheel on  
the end of a pen holder  
& by putting in a second  
joint he gets good results  
although the work is not  
continuous. This is an  
old idea of yours & should  
be looked after.

Respy

Geo. H. Bliss

Genl. Mgr

EDISON'S PRESS  
ELECTRIC PEN

Address

GEO. H. BLISS,  
Genl. Manager.

76 Market Street. Chicago, Nov 21 1879

Normal  
How they not get  
Authority  
from

A. C. Edison Esq.  
Marble Park. N. J.

Dear Sir:

I have bought out  
Griest providing he has the  
quantity of goods on hand  
which he bills on my own  
account. This includes the  
transfer of the patent which  
will go to you. Subgraph me  
authority or receipt of this  
to have these taken in due  
without damage. This is the  
only sensible thing to do.

Respectly

Geo. H. Bliss

G. H.

Did not know  
that Griest had any  
patent - The law firm  
there has authority of  
Griest

Samuel M. Searrell's  
OFFICE FOR PROCURING  
American & Foreign Patents,  
76 CHAMBERS STREET,

(P. O. Box 4689.)

New York, March 21<sup>st</sup> 1879.

Mr. A. Edison Esq.

Dear Sir:

"Mr. G. H. Bliss has returned to me, the assignment of the Huffman patent to ~~me~~, with the following statement:—

"The expense of purchasing this patent was \$1,044.50.

"Mr. Edison sent me an order on the Western Electric Man. Co. for \$731.15 to apply on this account, and agreed to send me an order for the balance.

"Please have him send me an order for \$313.35 on the W. E. Man. Co. before delivering the assignment.

"This is to take the place of an order voluntarily given by Robt. Gilliland, to the W. E. Man. Co. to be place to my credit and which I never accepted.

"My understanding is that he settles with Mr. Edison if the latter concludes to divide his interest in the patent.

"This assignment is forwarded with the understanding that the license of which



" you send me a copy is to be sent to me as  
" soon as the assignment is registered  
" at Washington and that this is one of the  
" considerations for the transfer of the  
" Huffman patent to Mr Edison."

Please let me know your wishes  
in the matter.

Yours truly  
Lemuel W. Skell  
W. Pinckney

Recording the Assignment  
of the Huffman Pat.

My M. & S. 21 71  
Skell



EDISON'S ELECTRIC PEN & PRESS.

T. CLELAND, Gen'l. Eastern Agent.

Geo. H. Bliss,  
General Manager,  
Chicago.

267 BROADWAY,

New York, N.Y., 24/10/99

Prof. H. Edison:

Dear Sir:

When I was over last week you promised to send me the name of a party in the city whom you thought would make the Electric Pens for us. Will you be so kind as to do so soon?

Has Mr Puseu's Agency Arrived yet from Paris?

How are you anyway?

Yours truly  
T. Cleland.

Krug's

Sent name of man  
who made the power press  
your man - also  
see Burmann

**Nemuel W. Serrell's**  
OFFICES FOR PROMOTING  
American and Foreign Patents,  
76 CHAMBERS STREET,

(P. O. Box 4689.)

New York, March 25<sup>th</sup> 1879

J. A. Edraon Esq  
Gen Sir

Mr Bliss writes me that  
Mr Foster has another pen, in  
which there is a small wheel  
of points at the bottom of a  
bundle: he thinks this is  
one of your ideas and that  
the writer needs looking after  
If you have any sug-  
-gestions please let me  
know

Yours truly  
Nemuel W. Serrell



EDISON'S  
ELECTRIC PEN & PRESS.

76 Market Street.

Address  
GEO. W. BLISS,  
Gen. Manager.

Chicago, ~~March 26th~~ 1879

T. A. Edison Esq  
Menlo Park, N. J

Dr. Fr.

Letters from Story report a promising outlook for the Pen in Europe. He has not yet settled in France but is making preparations. I anticipate some good results from Europe this year under Story's management. He has heard nothing from the Electric Light people. It would encourage him to receive word that his claims are to have consideration when the light is ready. Can you have some one drop him a line? Story has several heavy capitalists who are ready to back him with ample means if he has any chance on the light. Respy

G. W. Bliss  
A. M.



EDISON'S

LECTRIC PEN & PRESS.

76 Market Street.

Address  
GEO. W. BLISS,  
Gen. Manager.  
Chicago, Ill. Feb. 26, 1879

T. W. Edison - Esq  
Menlo Park U.S.

Dr. Sr.

The Pen matters are at a stand still just now owing to the fact that the Western Electric refuse to deliver any more goods unless their account is paid in full. I claim damages for the quality of goods furnished and the repeated tardiness in my getting goods which have caused me great loss. My expenses for salaries, rents, &c have run on just the same when no goods have been supplied as when plenty were in stock. The Western Electric seem to think I have no rights in the premises and their attorneys notify me to consider the Contract cancelled. My lawyers say that they can not

terminate their <sup>20</sup> contract with  
me & that they are responsible  
for all damages. It is my intention  
to go ahead and make Electric Pens  
and any other kinds which will  
sell regardless of them if they do not  
withdraw from their present position.  
It is an outrage, after all the work  
I have put into the business, to  
have them attempt to gobble it up  
now. I have offered to pay them  
cash for their goods but this  
proposition is declined. If you  
have that Red pen in shape I  
wish you would send me a sample.  
or if the Gramme pen, which I  
saw when there, is better than the  
old form send one of those.  
If the Western Electric would  
make a fair settlement with  
me on my account I would be  
glad to have my relations with  
them entirely terminated.  
You had better advise me  
fully what your wishes are.

3 B  
now that a decision is within  
grasp in the suits here, and  
a new law has been passed by  
Congress it would be a pity to  
have the Pen business ruined. I want  
to see it built up and not destroyed.  
I will cooperate with any policy  
which will accomplish this end  
that does not amount to highway  
robbery.

Respy

Geo. W. Pease

R. M.

**Samuel W. Serrell's**  
OFFICES FOR PROCURING  
American and Foreign Patents,  
76 CHAMBERS STREET,

(P. O. Box 4684.)

New York, March 26<sup>th</sup> 1877

Wm. A. Eccles Esq

Dear Sir,  
Yours of yesterday concerning  
~~in regard to~~ Mr Bliss' letter  
of 21<sup>st</sup> inst regarding Grant, is  
to hand: No doubt the law  
firm have full authority to  
make the settlement spoken  
about, - I presume Mr  
Bliss wants you to tel-  
-e-graph whether or not,  
you will be satisfied to  
make the settlement pro-  
-posed; Of course I cannot  
advise on this point, you no  
doubt have the full particulars and  
can judge of the advisability of con-  
-sulting to the settlement

Yours truly,  
Samuel W. Serrell





T. A. Edison, Esq.

Menlo Park, N. J.

I have agreed to close up the trade with Goulet immediately or it will be lost. There are parties ready to put fresh blood and money into that Pen and there will be another protracted siege of low prices, and general demoralization must ensue. If my trade with Goulet goes through you get a decision but without damages, also his patent. I get his business and exclusive right to make on a % royalty. I assume all the financial responsibility. Do not delay saying yes or no at once.

Respy

Geo. W. Bliss  
Gen. Mgr

Samuel M. Serrell's  
OFFICE FOR PROMOTING  
American and Foreign Patents,  
76 CHAMBERS STREET,

(P. O. Box 4680.)

New York, March 27 1879.

Thos. A. Edison Esq

Dear Sir:

The roller with points for  
map drawing &c. was shown  
in your caveat, No 68. —

I received the caveat papers  
from you Sep. 10. 1875. and  
the caveat was filed Sep. 27.  
1875. — I have written to  
Mr Bliss advising him  
of the fact and suggesting  
that Mr Foster let the entire  
matter alone.

Yours truly

Samuel M. Serrell

I think  
shall prefer to  
roll paper of it  
does not use from  
copy. Expenses of the  
done I will have to  
do it

74 Mar 21 1949  
Serrill  
Regarding Foster's  
rollup  
write Pleasant  
April 24



# EDISON'S ELECTRIC PEN & PRESS.

76 Market Street.

Address

GEO. H. BLISS,  
Gen. Manager.

Wm. A. Edison Esq.  
Marble Park, N. J.  
Dear Sir:

Chicago, March 27, 1879.  
Regarding Bailey's foreign pen I have  
asked Mr. B to render Mr. Story  
any assistance which will be commensurate  
with the rights of the latter. Regarding light I  
cannot do anything without Mr. Story on that point  
I don't expect to say anything in your  
favor of the good

Your esteemed favor of the 20th  
inst is at hand. I am much gratified at  
the favorable news which Mr. Bailey brings in  
regard to telephone prospects in Europe.

I do not believe it is advisable to make  
any change in the Pen management in Europe  
at present. Story is getting the thing in  
hand with excellent indications of business and  
moreover he is honest. He will soon make a savage  
raid on Austria. If Mr. Bailey is willing to cooper-  
ate in this it will be a good thing. Story says  
as soon as he can get the trade well under way  
he shall be ready to take up the scale of the patent  
and tell them that it is not worth while. If Mr. Bailey  
is willing to cooperate for his purpose when the time  
comes I shall encourage Story to work with him. Please  
send me Mr. Bailey's Paris address and what he is will-  
ing to do.

Respectfully,  
Geo. H. Bliss, Gen. Manager

~~Wm. Serrell's~~  
OFFICE FOR PROMOTING  
American and Foreign Patents,  
76 CHAMBERS STREET.

*Register Paris  
Patent  
and Appl. 79  
all other books*

(P. O. Box 4889.)

New York, March 29, 1877

Thos A. Edison Esq  
Dear Sir

I wrote Mr. Bliss that the assignment to you was to be entirely unconditional, that there were no conditions in it, and that the license from you to him was no part of the purchase; he has just answered me that he is satisfied with my statement of the case, and the papers are ready for exchange. Your telegram is just to hand and the papers will be held as directed. I mentioned to Mr. Kellogg that you would have the title to both patents in your hands so that you

could see that Justice was done to Mr. Bliss by the W. E. M. C. in supplying the articles promptly; and that so far as the electric pen was concerned the contract would have to be lived up to on both sides: I fear there is not a good feeling between the C. & Mr. Bliss and that the C. has not done as it should by him: So long as the C. does its duty by him there appears to be no disposition on Bliss' part to require the C. but certainly they should not have it in their power to injure him -

Please let me have your ideas soon as possible.

Yours truly  
Linnell W. Sherrill

Bliss' affair with us is not all & means that there is he owes them 20000 & has no assets you know Mr. Kelley is that this he will prevent them from selling a pen for the C. so that it is only for the specific

GEO. H. BLISS,  
Genl. Manager.

76 Market Street  
T. A. Edison, Esq. Chicago, ~~4/11/79~~ 1879.

Dr. Sr.

I have purchased Sweet's patent and business for \$2,000 and the delivery has been made. I should like to turn the patent over to you, but I want permission to sell 400 Mechanical pens without royalty, so as to make myself good on this deal. It will take 6 or 8 months to do this. If the arrangement had not been made with Sweet, a party stood ready to invest a considerable amount of money with him & in the combination of the patents there is no reason why the pen business could not have been demonopolized for many months to come. If everything is considered now it will operate greatly to your advantage & to that of whoever runs the business.

Reply Geo. H. Bliss  
Gen. Mgr.





EDISON'S  
ELECTRIC PEN AND PRESS

Address  
GEO. H. BLISS,  
Genl. Manager.

76 Market Street.

T. A. Edison, Chicago, *Apr 4th 1879*

Dr. Sr.

I have made the Western Electric Mfg. Co several propositions all of which declined they have made me none based on what appears to me justice. I am entitled to large credit from them for the delays with which they have filled my orders; also because of the poor quality of goods delivered. Now I don't want to ruin the business & have worked ceaselessly to build it up. In this they have not cordially cooperated. I am considering whether it will not be better to turn the whole thing over to them, if they are disposed to make any reasonable arrangement & in some way to entirely separate my interest from them. If you have any wish in the premises you had better write me fully at an early date

Respy

Geo. H. Bliss

Gen. Mgr

EDISON'S  
ELECTRIC PEN AND PRESS

Address  
GEO. H. BLISS,  
Genl. Manager.

76 Market Street.

Chicago, Ill. 4/11/72

T. A. Edison, Esq.  
Menlo Park, U. S.

Dr. Sir.

Foster has promised to  
call on me in a day or two.  
I shall then find out exactly  
what he has accomplished &  
if he intends to go into the  
patent office shall do all  
I can to keep him out &  
save expense to you both.

Respy

Geo. H. Bliss  
Gen. Mgr.

EDISON'S <sup>with</sup> PRESS  
ELECTRIC PEN AND

Address  
GEO. H. BLISS,  
Genl. Manager.

76 Market Street, Chicago, ~~Ill.~~ <sup>Ill.</sup>

T. A. Edison Esq  
Menlo Park N. J.

Dear Sir,

Please give me Bailey's  
address in Paris, or does  
the Mem Contract sent me  
give it correctly?  
Please let me know how  
strong should apply to get  
an interest in the lights  
in Belgium.

de l'opinion

Respy  
Geo. H. Bliss  
Gen. Mgr

Chicago April 74  
Plus  
Regarding Balespadden  
& Strong & Light  
and all Bales  
April 74

Lemuel W. Suggell's  
OFFICES FOR PROCURING  
American & Foreign Patents,  
76 CHAMBERS STREET,

(P. O. Box 4689)

New York, April 8<sup>th</sup> 1877

Thos A Edison Esq

My dear Sir

I send you herewith a copy of a letter just received from W. Bliss. What answer shall I send to him?

I wrote, upon reception of your letter relative to the license to Bliss under the Buffman Patent, not giving B. any power to interfere with the M. E. Mfg Co. <sup>in the manner or clause of electric lines</sup> and stated that if he so understood the arrangement, I would insert in the license a clause to that effect and have it re-executed. I have not had time to hear from him as yet. —

Yours truly  
Lemuel W. Suggell

(over)

(Copy)

Chicago Apr. 4<sup>th</sup> 1879.  
L. M. Serrell Esq.,  
S. S.

I have close Grist out of the  
business for \$2000. The patent I want to transfer  
to Edison providing he will permit me to make  
400 outfits without royalty. <sup>I don't want the patent - do me good</sup> I have taken all  
this responsibility upon myself, believing it  
was the only sensible thing to do. No suit  
could be won against Grist in the present  
shape. With the money backing him which  
he was about to have, he could have  
utterly demoralized prices for a long  
time. Now if those interested will  
manifest a reasonable disposition there  
is a chance to make some money.  
Please give Edison the facts.

Respy,  
(signed) Scott Bliss  
Yrs man.

Edison! I did not know that Grist  
had a patent, if so I should like to see  
it = ~~the~~ my first and general  
was to fight this man & if I could I was  
correct = I will not ~~and~~ such license as he  
asked

M. J. Serrell  
Regarding this patent  
and Edison

**Nemuel W. Serrell's**  
OFFICE FOR PROCURING  
American and Foreign Patents,  
76 CHAMBERS STREET.

(P. O. Box 4689.)

New York, April 9 1879

Mrs A. Edlson Esq

Dear Sir

I send you herewith a  
copy of the Grant patent —  
as desired in yours of yes-  
terday.

I am afraid you and  
Mr. Bliss are not likely to  
fully understand matters and  
come to a conclusion without  
a personal conference: he  
objects to having any restrictions  
put upon the Hiffman lease,  
in other words he wants to make  
Mr. E. C. do right by him by reason  
of the Hiffman patent: I have  
written him suggesting a confer-  
—ence —

Yours truly,  
L. W. Serrell

J. M. GRIEST.  
Puncturing-Pen.

No. 208,905.

Patented Oct. 15, 1878.

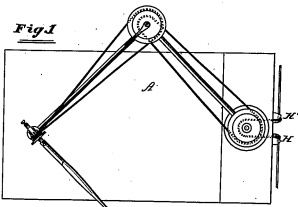
# UNITED STATES PATENT OFFICE.

JOHN M. GRIEST, OF CHICAGO, ILLINOIS.

## IMPROVEMENT IN PUNCTURING-PENS.

Specification forming part of Letters Patent No. 208,905, dated October 15, 1878; application filed March 9, 1878.

Fig 1



To all whom it may concern:

Be it known that I, JOHN M. GRIEST, of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Mechanism for Driving and Controlling the Movement of Puncturing-Needles, of which the following, in connection with the accompanying drawing, to which reference is herein made, is a full, clear, and exact description.

Figure 1 is a top view of the parts embodying my invention; Fig. 2, a front or perspective view; Fig. 3, a vertical central section of the shield and the parts arranged above, within, and upon the same; Fig. 4, a top view of the joint connecting the guide or handle to the shaft; and, Fig. 5 a cross-section of the screw-carrying shaft.

My invention has for its object to produce the reciprocating movement referred to by means wholly mechanical, to enable the operator to guide the needle as he would guide a pen or pencil in writing, and to give him complete control of the mechanism employed.

In the drawing, A represents a table or base, to which the parts may be applied. B is a hollow standard arranged vertically, and applied to the base in any suitable manner. C is a shaft within the standard B. On the upper end of the shaft C is the pulley D, and on the lower end is the pulley E, both carried by the shaft C. F is a driving-cord arranged on the pulley E and on the driver G. The direction of the cord may be changed by passing it over the loose disks H H'. The driver G may be rotated by means of a treadle.

I is a horizontal arm, pivoted freely on the standard B. It is also a horizontal arm, so pivoted to the arm I as to be capable of being swung horizontally and vertically on the joint. The horizontal jointed arm I I' enables the operator to move the needle from any point to any other point within a circle having a radius equal or nearly equal to the length of the said arm, or at least allows the needle to be swung horizontally in any direction over a large or comparatively large sheet, while the arm or section I, by its ability of being also moved or vibrated vertically on its joint, admits of the needle and its case being

raised and lowered while the needle is in action, so that the needle may then be raised out of or above the sheet and moved to its again at some other point with facility, as will hereinafter more fully appear.

J is a yoke carried by the jointed arm I I', and K is a shaft or arbor having bearings in the yoke or bent arm J. On this shaft K are the pulleys L and L'. On the outer or free end of the arm J are the posts M M, in which the shaft N has bearings. O is a pulley on the shaft N, and P is a small eccentric on the same shaft. Q is a driving cord or belt on the pulleys O and L, and Q' is a like cord or belt on the pulleys L and O. The pulleys L and O' should turn on the same center, while the arm J swings horizontally.

In the example shown the pulleys are arranged horizontally, excepting the pulley O, which is arranged vertically, its shaft being horizontal; but the arrangement, size, and location of the pulleys and driving-cord are not essential so long as the pulley O may thereby be driven rapidly, the free end of the arm J allowed to move in all directions, and the eccentric P or its equivalent has a vertical throw with relation to a horizontal base. It is neither is it essential that the standard B should be hollow, nor that the pulley B and shaft C should be arranged below the base A.

R is a vibrating rod or stem mounted on and carried by the eccentric P, and on the free or lower end of the stem R is the needle S. It is a shield for the needle and its stem, and this shield is fastened to the arm R'. The shield is pivoted to the arm R' by screws on a lower section may be vertically adjustable on the upper one. This vertical movement may be allowed or prevented by screwing one section partly into the other, as indicated in the drawing.

T is a whole shield, however, may be attached or connected to the arm R', the object of the vertical adjustment being to raise the shield or to lower it, as less through the material to be penetrated by extending a greater or less distance through the lower or open end of the shield while being used, and so as to make either a large or small hole, as may be necessary or desirable.

Fig 2

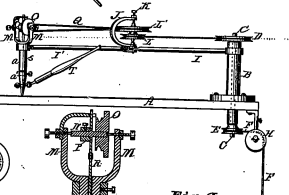


Fig 3

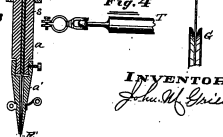


Fig 4



Attest:

J. F. Hamer  
Wm. S. Butler

INVENTOR:

John M. Griest



T is a handle, stock, or guide connected to the shield S, preferably by means of a universal joint, consisting, in the example shown, of a ball and socket.

It will now be perceived that the operator, while using this device, accomplishes his work by the aid of mechanical contrivances only; that he can guide or move the needle in any and all directions with facility; that the stock or handle T may be held and moved as he is accustomed to hold and move a pen or pencil while writing, and that he can easily control the speed and duration of action of the needle.

It is to be understood, of course, that the needle, while in action, projects slightly through the lower end of the shield and is moved about upon the sheet to be punctured, the latter being placed for that purpose upon a pad arranged underneath the point of the needle.

In using this device for preparing sheets for making duplicate stencil impressions in imitation of writing, the characteristics of the user's writing may be accurately preserved and copied. The driving-wheel may be driven by means of a treadle, as already suggested, or otherwise, as may be deemed most convenient or practicable, and a reciprocating movement will be communicated to the needle.

I do not here intend to restrict myself to any particular way of setting the parts in motion, nor to the precise construction and arrangement herein shown and described, as it is obvious that certain modifications may be made without exceeding the scope of my invention; and therefore,

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A reciprocating needle combined with a jointed arm consisting of two or more sections jointed to each other, one of the sections being vertically vibratory and the said section

being laterally vibratory on or at the joint connecting it to its fellow, with relation to each other and a fixed or stationary joint, all operating in connection with each other and driving-gearing mounted on the said arm, and connecting the needle with a stationary driver, substantially as and for the purposes specified.

2. The combination of the hand-guide, stock, or handle T, for controlling the movement of the needle holder or shield by the hand of the operator, the said handle being adapted to be held and moved for that purpose by hand, in like manner as a pen or pencil may be used, the shield S, having the handle T jointed thereto by means of a universal joint, the jointed arm I J, and the driving-gearing mounted thereon, and the reciprocating needle N, substantially as and for the purposes specified.

3. A reciprocating needle combined with a horizontal arm consisting of two or more rigid parts or sections, I and J, jointed to each other, the outer end of one section carrying the needle-shield and the outer end of the other being pivoted to a fixed support, both of the said sections being horizontally vibratory with relation to each other and the fixed support, and one of the said sections being vertically vibratory on its joint, all in connection with needle-reciprocating mechanism mounted on the said arm and connecting the needle with a stationary driver, substantially as and for the purposes specified.

4. The combination of the needle shield or carrier S, the stock or handle T, and a ball-and-socket joint connecting the said shield and handle, substantially as and for the purposes specified.

JOHN M. GRIEST.

Witnesses:

F. E. WARNER,  
W. S. BAKER.

EDISON'S  
ELECTRIC PEN PRESS

Address

GEN. H. BLISS,

Genl. Manager.

76 Market Street.

Chicago, ~~April 11th 1879~~

T. A. Edison Esq  
Menlo Park

Dr. Sr. I have made several propositions to the Western Electric in regard to the Pen business, all of which they have declined. In a personal interview they make a proposition to me which I declined at the time. I requested them to make that or some other proposition to me in writing which they have also declined to do. I am perfectly willing to entertain any suggestions or propositions which they may have to make to me. Of course you understand I cannot compel them to make proposition if they are not disposed to do so.

Respy  
Geo. H. Bliss  
Gen. Mgr



# EDISON'S ELECTRIC PEN & PRESS.

76 Market Street.

Address  
GEO. W. BLISS,  
Gen. Manager

Chicago, April 14 1879

Mr. A. Edison Esq.,  
Mentor Park, N. J.

Dear Sir:

The present attitude of the Western Electric  
Mfg. Co. compels me to close the Electric Pen office on  
Broadway May 1<sup>st</sup>

I have offered to make any reasonable compromise but  
they reject all overtures.

If they continue to refuse me goods and usage the firm  
near I shall be obliged to hold them responsible for the  
damage inflicted.

I have not the slightest desire to injure your interests &  
hope the present condition of affairs will not be changed  
where it properly belongs.

Respectfully

Geo. W. Bliss

Gen. Mgr

Samuel M. Serrell's  
OFFICES FOR PROCURING  
American & Foreign Patents,  
76 CHAMBERS STREET,

(P. O. Box 4689.)

New York, April 16<sup>th</sup> 1879.

Mr. A. Edison Esq.

Dear Sir:

I have to advise you that the 4<sup>th</sup> annuity on your French patent of May 6, 1876 No. 112,719 on Autographic Printing, is due May 6, 1879.

Also the 4<sup>th</sup> annuity on your Belgian patent on Audi. Printing of May 8, 1876 No. 39,502 is due May 8, 1879.

The amount of these annuities, is French \$25. and Belgium \$17. including expenses, and the funds should be sent from here by April 19<sup>th</sup> 1879 in order to be in time.

Please let me know your wishes.

Yours truly  
Samuel M. Serrell  
Per: [Signature]

Rem. paid in full to  
Edison Esq. 3/19/79  
[Signature]  
for [Signature]

No long delay in [Signature]

NY 6 July 16, 79

Covell

Regarding annuities  
French + Belgian  
parts Auto Plotting  
due May 6<sup>th</sup> + 8<sup>th</sup>

Wrote Terrell to pay them  
Wrote Bies asking what  
to be done  
See letter book

EDISON'S <sup>with</sup> PRESS  
ELECTRIC PEN

Address  
GEO. H. BLISS,  
Genl. Manager.

76 Market Street.

Chicago, April 17 1879

W. A. Edison Esq.

Menlo Park, N. J.

Dear Sir:

If you can give me  
any point as to the Western Electric  
Mfg. Co's intention relative to the  
Pen business I shall be glad to re-  
ceive the information.  
They still decline to deliver goods  
and as a consequence I am compelled  
to close my agency.

Respectfully

Geo. H. Bliss

Gen. Mgr

EDISON'S  
ELECTRICITY AND PRESS

Address  
GEO. H. BLISS,  
Genl. Manager.

76 Market Street. Chicago, Apr 19 1879.

W. A. Edwards Esq.  
Market Street, N.Y.

Dear Sir:

Yours of 14th at hand.  
that has been sent me relative to  
send to my laboratory.  
I have ordered Charles to  
Mr. Sargent to go immediately.  
Of course you will understand  
him how to proceed.  
As your letter only came today  
this is the best I can do.

Respectfully

Geo. H. Bliss  
Gen. Mgr.

EDISON'S  
ELECTRIC LAMP

Address  
GEO. H. BLISS,  
Genl. Mngn.

76 Market Street, Chicago, April 19 1879

J. A. Edison Esq,  
Newark, N. J.  
Dear Sir:

In view of the terrible  
degradability of the Western  
Lamp Co. just at a time when  
we were on the verge of a grand  
success I think you ought to consider  
this. Our partners are giving us a  
chance to push the business.  
They are now doing their utmost to  
oppose us in the business.

If you want a clear Edison and  
that people you will have about  
and enough to give it strength.  
I have written you what your  
is going to be.

Respectfully  
Geo. H. Bliss  
Genl. Mngn.



Chicago April 24

Dear Sirs

Regarding #7 does  
Berrell - annuitia  
exempto



some consideration for his efforts in pur-  
-chasing the Huffman patent; This he will  
have in consequence of the license that  
will permit him to get the mechanical  
pen made anywhere. - OK -

The M. E. M. Co. finds fault with Mr  
Bliss, and Mr B. finds fault with them.  
Is it not best to let this matter take care  
of itself and not bring it into the present  
question? It is a simple question of con-  
-tract or damages either way. -

Mr. Edison wants to hold the title to  
the Huffman patent the same as he does for  
his own pen; he wants his contract with  
M. E. M. Co. to hold good and not be interfered  
with; he wants Mr. Bliss to have the right  
to make and sell all that there is in the  
Huffman patent without regard to M. E. M. Co.  
he wants to avoid being mixed into any  
of the difficulties between M. E. M. Co. and  
Mr Bliss; and he does not want the license  
given to Mr Bliss under the Huffman patent  
to be used as a rod over M. E. M. Co. in a  
matter that is solely between Mr Bliss and  
them; The question may be asked, is not  
this position of Mr. Edison reasonable?

The transfer to Mr Edison is full and unincumbered with conditions: this is believed to be correct.

The terms of payment, are believed to be understood and the order for \$313.<sup>35</sup> is in my hands for Mr Bliss as soon as matters are understood.

The license to Mr Bliss is full, by which he has had the entire control of the manufacture and sale of machines under the Huffman patent, upon payment of license fee of \$5. on each machine.

By issue of Huffman patent, the Edison pen may become an infringement thereof. The pen question is, whether the W. E. M. Co can be held as infringers of Mr Bliss exclusive license by making, not the Huffman pen, but the Edison pen.

Edison says no. Bliss says yes by implication.

Both patents are in Edison: The proposed license to Mr Bliss never proposed to give him the right of suit for infringement, but only to give the right to make the Mechanical pen; For this reason the proposed addition to the license (in my letter of April 3 only makes clear and beyond

mistake what the license really confers.

If the difficulty between W. E. A. Co<sup>o</sup> and Mr. Bliss was not brought into this matter in the least, but rested solely on its own merits, then I think the matter could be closed up just as I propose, but if the Huffman patent is sought to be used as a lever to change the status between Mr. Bliss and the Company, that would complicate Mr. Edison in a matter with which he has nothing to do. -

Taking all these views into consideration if Mr. Bliss objects to this understanding of the agreement, is it not best to know just what is wanted to be put into the license, so that there may be no open question, or future difficulty by Mr. Edison in a matter with which he has really no personal concern. -

If I have mistaken any position please set me right. If not, is it not the best to finish this matter up by inserting in the license a statement that it does not confer the right to prohibit the licenses of Mr. Edison in the manufacture of pens under Edison's patents.

Please let me have your views

Yours truly,

Samuel W. Perrell

**Hennel M. Serrell's**  
OFFICES FOR PROCURING  
American and Foreign Patents,  
76 CHAMBERS STREET,

(P. O. Box 4689.)

New York, May 8<sup>th</sup> 1879

Thos A Edison Esq.

Dear Sir

Mr Bliss wants the license  
sent to him under the Hufferman  
patent just as you executed it.  
He says that if the several parties  
interested are animated by a fair  
spirit, there will be no trouble  
in consolidating the whole business.  
but he cannot commenced such a  
negotiation by giving away all  
his rights. In a previous letter  
dated April 29 he says he does not  
want the license to use it as a  
club over W. E. M. C. he says also that  
he has seen printing with perforated sheets  
and ink over 25 years ago, and he  
hopes by consolidation of electric  
and mechanical power to make it

a success, but the only way  
to get the \$5 royalty will be  
by merging interests together.

What shall I do in this  
matter

Yours truly  
Lemuel H. Merrill

Say that I will only do as  
was originally intended that  
is to give him a license to  
sell the Mechanical pen,  
under Huffman patent,  
~~before I would do anything~~  
else under my contract  
with the WEMfg Co  
I can do nothing else;

Received  
of  
Lemuel H. Merrill  
the sum of \$5.00  
for  
royalty  
March 21st 1881  
W. E. Merrill & Co

**Samuel M. Serrell's**  
OFFICES FOR PROMOTING  
American and Foreign Patents,  
76 CHAMBERS STREET,

(P. O. Box 4882.)

New York, May 10<sup>th</sup> 1879

Mr. A. Edison Esq  
Dear Sir

Your last positive direction  
on the Bliss matter was to hold  
the papers until you said other-  
wise. Now your letter of  
yesterday I conclude that  
you are willing to have the  
papers exchanged: If so  
please have two witnesses  
sign the license and return  
it to me: You will see  
that this paper says nothing  
about W. E. A. Co. or any  
~~other~~ patent except the Buffman

Yours truly  
Samuel M. Serrell



EDISON'S  
ELECTRIC PEN AND PRESS

Address  
GEO. H. BLISS,  
Genl. Manager.

76 Market Street. Chicago, May 17 1879.

P. A. Edison Esq.  
Marble Park, Ill.

Dear Sir:

Mr. Hollander has been here  
for ten days. We have made a satisfactory  
arrangement with the Western  
Electric Works. Now if you can not  
solve the Wroughton and Swift matter  
the business can go forward with  
increased vigor. I expect to go to  
Marble Park next week to arrange  
the matter with you.

Respectfully

GEO. H. BLISS

Blank No. 1.

**THE WESTERN UNION TELEGRAPH COMPANY.**

This Company TRANSMITS and DELIVERS messages only on conditions, limiting its liability, which have been agreed to by the sender of the message. There can be no receipt except only for repeating a message back to the sending station for purposes, and the Company will not be held liable for any loss or damage to or destruction of messages. The message is at the sender's risk and is delivered by means of the sender under the conditions and subject to the same.

A. R. BREWER, Sec'y.

WILLIAM CORTON, Pres't.

Date New York June 9 1879  
Received at 11:35 am  
By J. A. Edison

READ THE NOTICE AT THE TOP.

Have no letter as yet from <sup>Banker</sup> Bennett why the delay. Mr Hoffman goes to Europe Wednesday answers

J. Cleland

17 pd

Moat



P.O. Box 4689.

New York July 14<sup>th</sup> 1879.  
Thos. A. Edison Esq

Dear Sir:

I have to advise you that the 4<sup>th</sup> annuity on your Italian patent of Aug. 26, 1876 on Autographic Printing, is due Aug. 26, 1879.

The amount of this annuity is \$ 23, including expenses, and the funds should be sent from here by Aug. 2<sup>nd</sup> in order to be in time.

Please let me know your wishes in the matter.

Yours truly  
Emuel W. Swrell  
Per Kinney

copy to Kinney  
- sent with your  
- from file &

NY July 15, 19

L. W. Serrell

#5 anniversary Italian  
post -

Best copy of this, to  
Beiss + wrote Serrell  
July 16, 29  
see letter book

EDISON'S PRESS  
ELECTRIC PEN AND PNEUMATIC and MECHANICAL PENS.  
GEO. H. BLISS,  
Gen'l Manager.  
76 MARKET ST.  
Chicago, 7. 18. 1879

Mr. A. Edison Esq.  
Marble Park, N. J.

Dear Sir:

In reply to yours of the 16<sup>th</sup>  
last day that I have instructed W.  
D. Clark to pay \$23.00 to Mr. Sewell  
on your account to be paid on  
the station fee patent. I will charge  
the amount to you when paid.

Respectfully

Geo H Bliss  
Gen Mgr

Manufacturers, Importers and Dealers in  
Telegraph Machinery and Supplies,  
Medical Apparatus,  
Burglar Alarms,  
Automatic Fire Alarms,  
Houses and Hotel Annunciators,  
Electric Light, Electric Gas Lighting,  
Electric Railway Signals,  
Edison's Phonograph, and Supplies.

Full Telephons rented and Supplies fur-  
nished.

# ELECTRIC MERCHANDISING CO.,

76 MARKET STREET,

CHAS. E. BROWN, President and Business Manager.  
W. H. HARRINGTON, Secretary and Treasurer.

Chicago, July 18 1879

J. A. Edison Esq.

Marble Park, N. J.

Dear Sir:

The gain Pen is  
a flat infringement on your  
patents.

Mr. Sewell ought to let them  
up with a sharp stick, as  
you as can be done without  
much expense.

The Pen will kill cheap, he is  
a miserable thing but they ought  
to be worried

Respectly

Geo. H. Blish

Gen. Mgr

Tell him  
to write to  
Sewell

In reply to yours of
16

EDISON'S  
ELECTRIC PEN  
PNEUMATIC  
and  
MECHANICAL  
PENS.

GEORGE H. BLISS,  
Gen'l. Manager.

576  
S. W. MARKET ST.  
CHICAGO, ILL.

Chicago, July 21 1877

Dear Sir:  
Marble Park, N. Y.

Enclosed I return the money  
from Mr. Bailey relative to the French Pen  
agency. I cordially endorse the idea  
of getting rid of Beethle. My objection  
to Mr. Picoch's proposition is that it asks  
no provision for our interest. We have made  
a large expenditure in France in good  
faith although it had judgment and should  
receive our share - The outfit will cost  
\$1000 in France. Now if in addition to  
the 15 francs you will receive, it can  
be arranged for us to receive 10 francs,  
and if your Mr. Picoch will agree to  
present Beethle + pay over to us  
any amount of property belonging to  
us which may be realized out of him  
+ the damages for past piracy Mr.  
Holland + I will consent to the

EDISON'S  
ELECTRIC PEN  
PNEUMATIC  
and  
MECHANICAL  
PENS.

GEORGE H. BLISS,  
Gen'l. Manager.

576  
S. W. MARKET ST.  
CHICAGO, ILL.

Chicago, July 21 1877

kind arrangement. Neither Mr. Holland  
nor myself intend to let up on Beethle  
till he has made reparation for all  
damages inflicted. Our time will surely  
come to even up with him.  
I leave for the West this am.

Respectfully  
Geo. H. Bliss  
Gen'l. Manager

Manufacturers, Importers and Dealers in  
Telegraph Machinery and Supplies,  
Medical Apparatus,  
Burglar Alarms,  
Automatic Fire Alarms,  
House and Hotel Annunciators,  
Electric Light, Electric Gas Lighting,  
Electric Railway Signals.

Hall Telephones rented and Supplies furnished.

# ELECTRIC MERCHANDISING CO.,

76 MARKET STREET.

CHAS. H. HILL, President and Business Manager.  
W. H. HARRINGTON, Secretary and Treasurer.

No Chicago, Sept 6<sup>th</sup> 1879

A. G. Schram Esq.

Marble Park, Ill.

Dear Sir:--Your esteemed favor of 8-28<sup>th</sup> at hand.

The Cobias Park Estate because they cannot  
secure no present and also because it  
is a worthless

estate in the mountains I talk with many  
mining men and prospectors in regard to  
platina.

They generally know what you want as  
the matter is well advertised among them,  
they all seem to think you will get a  
reply although I failed to hear of  
any large deposit that could be secured

Respectfully

Chas H. Hill

Gen. Mays

Porter has seem to be that you abandoned  
your intention. The matter is of no consequence  
as I control the balance of Revenue. The thing is  
to get the estate.



110  
Emuel W. Serrell's

OFFICE FOR PROCURING

American & Foreign Patents,

70 CHAMBERS STREET,  
150 NASSAU STREET.

(P. O. Box 4695.)

New York, Sept. 9<sup>th</sup> 1879

Thos. A. Edison Esq.

Dear Sir:

I have to advise  
you that the 4<sup>th</sup> annuity on  
your Austrian patent on  
Autographic Printing dated  
Oct. 6, 1876, is due Oct. 6, 1879.

The amount of this annuity  
is \$25, including expenses and  
the funds should be sent from  
here by Sept. 18<sup>th</sup> 1879 in order  
to be in time.

I have notified Mr. Bliss,

send to B  
50 to cover pay for foreign account  
exchange my  
Yours truly  
Emuel W. Serrell  
W. Quickney

My Sept 9 74  
J. W. Woodruff

(UNITED STATES PATENT OFFICE)

In witness whereof I have hereunto set my hand and the seal of the said Office, at Washington, this 9th day of September, 1874.

J. W. Woodruff  
Commissioner of Patents

The Patent Office  
Washington, D.C.

I have the honor to acknowledge the receipt of your letter of the 27th inst. in relation to the application for a patent in respect to the improvement in the method of printing, and in reply to inform you that the same has been referred to the proper authorities for their consideration.

Very respectfully,  
J. W. Woodruff  
Commissioner of Patents

**EDISON'S**  
**ELECTRIC PEN** **PRESS**

Address  
**GEORGE BLISS,**  
Genl. Manager.

76 Market Street, Chicago, Sept 17th 1879.

T. A. Edison, Esq.  
Menlo Park, N. J.

Dear Sir  
Mr Bliss left for Utica  
on Tuesday. He wrote  
Mr Cleland Sept 11th to pay  
Mr Serrell \$25 and so  
advise of Mr Serrell. This  
was in reply to letter  
of 9th from Mr Serrell &  
the amount was to apply  
on the Austrian patent.

Respy  
Geo H Bliss  
Gen Mgr

 EDISON'S ELECTRIC PEN PRESS.  
T. CLELAND, Gen'l. Eastern Agent.

Western Establishments for  
Chicago & New York  
Manufacturers

200 BROADWAY,

New York, Sept. 17<sup>th</sup> 1877

A. Edison, Esq.

Dear Sir: I enclose circular  
of the "Pulsating Pen." Do you know any  
thing about it? It is plainly a pneumatic  
pen, and is a very good working one. It  
is an exhibition at the American Institute.  
How far does your patent # 205,370, June 25-1875  
cover such an arrangement?

It will have a decided ten-  
dency to hurt us if not stopped.

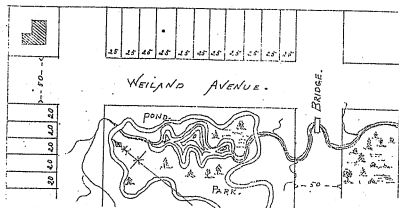
Do you want a description  
of it?

Yours truly  
T. Cleland.

Received of T. Cleland  
\$10.00

The Pulsating Pen.  
A WONDERFUL INVENTION!

By the use of this invention thousands  
of copies of Letters, Invoices, Outline drawings,  
Maps, Designs, Tracings, and an endless variety  
of pen-work may be taken.



All letters and communications should be addressed to -  
"Pulsating Pen" care of Ward & Drummond, 116 Nassau Str.,  
New York


**WILSON'S ELECTRIC PEN PRESS.**  
 T. O'LELAND, Gen'l. Eastern Agent.  
 200 BROADWAY,  
 New York, Sept. 21<sup>st</sup> 1897

P. A. Edmund, Esq.  
 Union Park,

Dear Sir:

The Pulsating Pen is constructed as follows: A sewing machine table and ordinary treadle attachment. On the table is a small condensing engine for compressing air, which consists of a cylinder about 1 1/4 inches long by 3/4 inches diameter. In this cylinder of course a piston is worked by a piston-rod attached to a small adjustable crank or cam on the shaft of a small Johnson wheel. The air, as the piston moves is compressed in the cylinder, and is forced in a rapid series of jets through a rubber tube to the pen proper which consists of a holder or tube similar to our regular pen tube, surmounted with a small cylinder in which plays a snugly fitting valve and diaphragm together with the head of a small shaft which passes down the tube and to which the needle point is attached. The air is forced in jets rapidly against the diaphragm which in its turn conveys motion to the shaft and needle. The operation is done exactly as we do it, yet not nearly so fast.

They do their printing on a piece of tin with a frame or "fly" to which they paste the stencil. No clamps are used. They are using one of our rollers, and think they can put the whole apparatus on the market for about \$35.00. It is evidently going to meet us some. Can they be stopped.

Yours truly  
 T. O'Leand

San Francisco, CA  
T. W. Page Breckon  
and Nov 5 '79

507 California St  
San Francisco.  
Oct 25: 1899

Dear Sir,  
I shall be obliged  
if you will inform me whether  
my father has sent you a  
cheque for the amount you  
kindly advanced to me in  
New York. If he has not  
it is time I was doing  
something towards paying  
it.

I am running an Electric Pen business here and am doing pretty well - making a living anyhow. That is more than anyone can do with it in England. My father would sell out now at a considerable sacrifice - he has so many irons in the fire that he cannot attend personally to the business, and he seems peculiarly unfortunate in his agents. The Taylor Sewing Machine Co., to whom he has confided the sole management

about the month's ago has gone into liquidation, and things are at a dead lock. It is very annoying, especially proper management the business should have been a much successful matter of business, now so disappointed.

*a little  
more than  
the firm.*

J. N. Schwan, Esq.

Wm. H. P. Preston



# EDISON'S ELECTRIC PEN AND PRESS

Address  
GEO. H. BLISS,  
Genl. Manager.

76 Market Street. Chicago, DEC. 29, 1879.

THOS. A. EDISON, ESQ.

MENLO PARK, N. J.

DEAR SIR, I AM INFORMED THAT YOU HAVE REC'D  
A PATENT FOR THE "BERROGRAPH" OR PROCESS OF PUNCTU-  
RING A STENCIL BY WRITING ON A FILE SURFACE. AS THE  
MARKET IS NOW FLOODED WITH CHEAP TABLETS FOR DUPLICATING,  
IT IS NOT VERY LIKELY THAT ANY LARGE FIRM WILL BE ANXIOUS  
TO PUT MONEY INTO THE "BERRO" AND RUN AN OPPOSITION  
TO THEM. I THEREFORE TAKE THE LIBERTY OF APPLYING FOR  
THE CONTROL OF THE APPARATUS ON A ROYALTY BASIS. I HAVE  
BEEN WITH MR BLISS DURING HIS MANAGEMENT OF THE ELECTRIC  
PEN AND HAVE PERSONALLY SOLD MOST ALL OF THE CUFFETS  
THAT HAVE BEEN DISPOSED OF WEST OF NEW YORK. I AM  
THEREFORE BETTER POSTED ON THE SUBJECT OF THE DUPLICATING  
BUSINESS THAN ANYONE ELSE AND AM CERTAIN THAT I CAN SELL  
HUNDREDS OF THEM FOR YOU. SHALL BE PLEASED TO HEAR FROM  
YOU AT YOUR CONVENIENCE. CONGRATULATE YOU ON THE SUCCESS  
OF YOUR LIGHT. RESPECTFULLY,

*Hal P. Brown*  
76 Market St.

*Please see Contract*

1879. Exhibitions - American Institute Annual Exhibition (D-79-024)

This folder contains correspondence relating to Edison's exhibit.

All the documents have been filmed.

[POSTMARK: JULY 28, 1879]

The 48<sup>th</sup> National Exhibition of the American Institute of the City of New York, will open Sep. 17<sup>th</sup> 1879. Should you decide to exhibit please apply early for necessary papers - Address  
Chas. Wager Hull  
Genl. Supt. American Institute, New York  
N.Y.

N. 482

## The Gold and Stock Telegraph Company,

N. Y. September 17<sup>th</sup> 1879

T. A. Edison Esq

Menk Park. N. J.

Dear Sir

I am instructed by W. D. O. Green, President Secretary, to inquire of you whether you can furnish for this Company, very promptly, say within 8 or 10 days, <sup>pair of</sup> ~~one~~ extra <sup>land</sup> "Elatec" photographs for exhibition at the "American Institute Fair."

A prompt answer will be appreciated.

Very Respectfully  
G. L. Wiley  
Supt.

I have some of the land  
on hand only fifty square  
feet now - I can furnish  
pairs of them if you  
do desire

1879. Menlo Park Laboratory (D-79-025)

This folder contains correspondence from suppliers; correspondence and memoranda by various members of the laboratory staff, including Edison; and other documents relating to the ordering of supplies and equipment for the laboratory.

Most of this material is very routine and less than 10 percent of it has been filmed. Most of the filmed material is correspondence from Dr. A. E. Foote of Pennsylvania, who supplied Edison with minerals and chemicals. Also included is some correspondence concerning vacuum pumps and steam engines, which were used in connection with electric lighting experiments, and a few items that contain marginal comments by Edison or that provide significant information about the laboratory or its work.



OFFICE OF  
**Bailey Reflector Company,**  
— MANUFACTURERS OF —

Bailey's Light Spreading Silvered Glass Reflectors.

FOR OIL OR GAS.

No. 15 WOOD STREET,

Pittsburgh, Dec 2 1879



Prof. Edison

Dear Sir,

We have this day shipped  
one of our 25 inch Reflectors,  
which would be pleased to have you pick it up  
for your office and give it a trial, as stated  
by you in your letter of Dec 29<sup>th</sup>

After giving it a thorough trial we would  
like very much to have your opinion as to its merit

Yours truly,

Bailey Reflector Co.

Thos. F. Eadie,  
H. T. Hill.

Room 10,

Jan 4, 79

EADIE & COMPANY,

Custom House Brokers,

61 WALL STREET,

New York, Jan 7 1879

Mr. J. H. Cousins

Dear Sir

We enclose  
herewith an application for an  
appraisement by U.S. Appraisers for  
your furnace, by J. S. Perkins.  
If you can sign and swear to it  
we will be enabled to complete  
the entry of goods without troubling you  
further. If you have no  
notary or Justice of the Peace  
near your home, and cannot  
therefor swear to the application,  
if you will sign the paper  
as indicated and return it  
to us, at the same time letting  
us know of a notary in this City  
who will know your signature.

We can arrange matters  
with any Deputy Collector  
at Custom House know  
it, if we answer as well  
We should have tried this  
method before but for the  
fact that our Kent expected  
you in N.Y. soon after the  
arrival of your goods. In  
which event we could have  
finished the formalities in  
a few minutes.

We are sorry to have contributed  
in any manner to the  
delay, and hope that now  
we can give you your  
goods without further delay

Very respectfully

Edwin Ho



John H. Porter  
Governor of New York  
Chas. H. Johnson  
Chas. H. Johnson  
George S. Hamilton

PO. BOX 1836

Porter, Lowrey, Loren & Stone,

Attorneys & Counsellors at Law

103 Broadway Street (DREXEL BUILDING)

New York, Jan 16<sup>th</sup> 1879

Dear Sir:

We have been advised by  
Edie & Co, Customhouse brokers that  
they have the gas furnace ready  
for delivery and desire to know  
where to send it. Shall their  
charges be rendered to us or  
to Mr Edison

Very truly

Rockwell Kent

S. L. Griffin Esq  
Menlo Park  
N. J.

## MEMORANDUM.

New York, Jan 22 1879

To Prof. J. A. Johnson  
Hunts Park, Ill.  
Dear Sir

From the

Buckeye Engine Co.

EXPERTS IN STEAM ENGINEERING  
87 Liberty Street,WM. LEE CHURCH,  
GEO. A. BARBER, Managers.

NEW YORK.

We have been awaiting some time to learn whether we should ship our engine or not - but from what our Truckman learned some time since while at your laboratory we judge you were not anxious for any opportunity to experiment on engines. Of course we don't wish to bore you, but we are quite willing to ship an engine any time you say the word. The but we intended for you however we have still not caring to hold it longer. We believe our folks sent you a pulley for your line-shaft. If there is no prospect of your using it please notify us and we will have it shipped to us. How much coal are you burning a day now for your ordinary work? Yours truly,  
Wm Lee Church  
Geo A Barber

Engine Room. Rail also complete for the sum of Twenty five dollars

Laboratory of  
Prof. Thomas A. Edison  
Menlo Park, N.J.

January 22 1879

I agree to furnish material and to do the following work on Office in a first class manner for the sum of one hundred and five dollars.

- First. Risers to be of Ash not less than  $1\frac{1}{2}$  thick and proper width
- Second. Treads to be  $1\frac{1}{4}$  inch walnut. all risers and treads to be gamed and wedged and glued.
- Third. Rail to be not less than  $\frac{4}{8}$  inches and of Walnut
- Fourth. Balusters to be not less than 2 inches material Ash
- Fifth. Kernels <sup>few and fine</sup> ~~from~~ material Walnut
- Sixth. Stringers. Ash
- Seventh. Stairs underneath to be panelled off to correspond with balance of frame
- Eighth. Door leading to vault to correspond with Panel work
- Ninth. All work to be well done in a good workman like manner and are to be oiled, and completely finished

Edward Green

John St. New Brunswick

4/23/79

J. A. Edison Esq.  
Dear Sir  
Yours

letter of 22<sup>nd</sup> received  
this evening. The purest  
of all silica minerals is  
Sipylite recently discover-  
ed in Allanite by Prof.  
Nabot of the U of Wisc.  
You will see by his  
paper which I enclose it  
contains 26% of Erbium  
but as you will also see  
by same paper ~~it is~~  
~~it is~~ it is exceedingly rare &  
can supply you with elem-  
ments amounting about 20% of the  
for \$3.75 an oz and masses  
of Allanite containing spots  
of sipylite averaging about 1/10

of entire mass for from  
\$10 to \$20 an. I have also  
about 2 lb. of rock con-  
taining about 10% of pyrotantal-  
ite and apote. that I could  
furnish you at the rate of  
25¢ an lb. I have also 1/2  
oz of fragments of Sadoberite  
worth \$200 an oz. It is  
almost pure. I have besides  
larger specimens of from \$3  
to \$5 an. I have 55% pure  
at \$100 per lb. <sup>100%</sup> pure  
and Tantalite-Tebe at  
\$200 an oz. I do not think  
the latter has ever been sold  
in Europe, at less than  
\$2000 or \$2500 an oz. I  
should advise you to get  
the Sadoberite by all means and  
I do not know of anyone in the  
country that has more than a  
few (2 or 3) oz of any of the others ex-  
cept Sadoberite.  
In haste A.C. F. C.





**TERMS CASH.** Not responsible for breakage.  
Claims to be made within 3 days  
after receipt of Goods.

New York, Jan 24<sup>th</sup> 1879

STANDARD BURETTES and PIPETTES,  
CYLINDERS, GAUSS'S STROVOS, all sizes,  
EPILOMETERS. All Graduated Goods for  
Gas Analysis. Medical and Chemical Ther-  
mometers, Hydrometers, Chloride of Cal-  
cium Tubes, Combustion Tubes, Carbonic  
Acid Apparatus, Potash Bulbs, etc.

Professor Edison

Bought of **REINMANN & BARTZ,**

MANUFACTURERS OF

Chemical and Physical Glass Instruments,

NO. 96 FULTON ST., Near William St.

	Repairing air pump 3 Cops. 4 1/2 x 1 1/8	2 50	75 B. 3 25.
--	---	------	-------------

Rec<sup>d</sup> Payment,  
Reinmann & Bartz

THE NATURALIST'S AGENCY.  
A. H. FOSTER, M. D.,  
Fellow A. A. S., Prof. Class. and Min.  
1232 Market Avenue, PHILADELPHIA.

1/29/79.

Prof. W. Edison

Dear Sir:

Your order was duly  
recd and will be filled in full, prob-  
ably within a week or ten days. I have  
been selling a considerable quantity of  
Lycopite labels, and wish to Prof. Mullitt  
for an additional quantity. Enclosed  
please find his card in reply. I have  
always paid Prof. Mullitt the price asked  
for Lycopite and in this instance no-  
thing was said in regard to price.  
I advise you to get the Lycopite at once  
if you wish to separate the Carlin.  
 Hoping that this may be satisfactory

Dani

Yours Respectfully, U.C. Foster  
2-4-79



[POSTMARK: JANUARY 30]

I hope to get your collection  
out this week. I shall commence  
picking it out tomorrow  
morning. Have quite a number  
of orders at this season. I shall  
decidedly advise you not to miss  
the opportunity of getting what  
rare *Ardea onychia* *Ardea*  
Roxb. H.C. 100

S. BERGMANN & CO.,

No. 104 WOOSTER STREET,

MANUFACTURERS OF

Hotel and House Annunciators and Electrical Apparatus of all kinds,

NEW AND IMPROVED PRUD'HOMME BATTERIES A SPECIALTY.

SEND FOR CIRCULAR

New York, January 31<sup>st</sup> 1879

T. A. Edison Esq.  
Mead Park.  
N. D.

Dear Sir,

We have sent you to day by Adams Ex the rollers and 1 couple but did not put any platinum foil on them as we had no thin foil and the thick foil would be too expensive.

Yours Respectfully,  
S. Bergmann Co.  
per Holl.

SCIENTIFIC AND MEDICAL BOOKS,  
MINERAL, SHELL, FOSSILS, BIRDS, EGGS, &c.

*Dr. H. S. Gifford*  
A. S. GIFFORD, M. D.

Prof. Med. and Chem. *Prof. Dr. Lee's* Adv. Degree, Life  
Member, American Medical Association

1000 Walnut Street, Philadelphia

For more copy 10 page illustrated

NATURALIST'S LEAGUE HORN AND HORNING BOLLARD,  
and Inc.

Dear Sir:

If you will

look at my previous  
letters, you will find

that I mention having a certain amount of  
boards, which I can furnish you at the  
rate agreed upon.

Respectfully

*A. S. Gifford*  
A. S. G.

THE NATURALIST'S AGENCY,

A. S. GIFFORD, M. D.,

Fellow A. A. S. N., Prof. Chem. and Min.

1000 Walnut Street, PHILADELPHIA.

2/4/79.

Prof. H. S. Gifford

Dear Sir:

Enclosed please find

2 editions which will be shipped tomorrow or next  
by Adams Ex. Having, that this may be satisfactory

I am

Yours Respectfully

*A. S. Gifford*  
A. S. G.

FROM THE LABORATORY OF  
T. A. EDISON,  
MENLO PARK, N. J.  
U. S. A.

Feb'y 5. 1879

J. H. Shoherman Esq  
Capt N.Y. En'ls

Dear Sir,

Cannot you arrange  
with the apt here so that he can  
take checks on Drexel Morgan  
& Co N.Y. for C.O.D. pkgs? We  
have no facilities here for  
getting money, and when the  
collection is over 10 or 12 so  
it necessitates sending a man  
to Newark or New York to get  
the cash.

Yours Truly  
T. A. Edison

Dear Sir,

Feb 19

The postal card you  
 recd. was written by my  
 in a good way with other beautiful  
 As I am 3 1/2 miles from the freight  
 before you for price \$2.00 I  
 thought since he wrote the card he has  
 noticed that you distinctly ordered us to  
 send by express, and I ordered  
 by express only I think from  
 that that you want rock the  
 card I will want you to I hear  
 from you again. Respectfully,  
 H. H. Foster

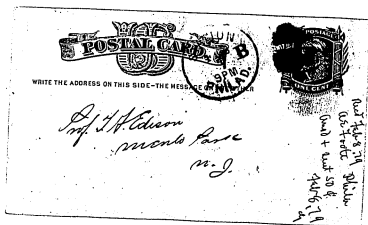
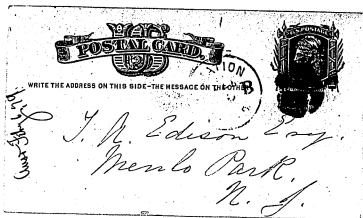
SCIENTIFIC and MEDICAL MINERAL  
 WATER, FOSDICK, PENN. PAID  
 FOR SALE BY A. H. POSTER, M. D.  
 1000 N. 10th Street, Philadelphia  
 and 1000 N. 10th Street, Philadelphia  
 1000 N. 10th Street, Philadelphia  
 1000 N. 10th Street, Philadelphia

Your order came for 10 lbs  
 after we were priced as we  
 was specifically not having  
 any \$ 2.00 price I send  
 the after the smaller of which  
 is almost pure Siphyle. If  
 price are satisfactory please  
 send the remaining \$ 2.00  
 and return same at \$ 2.00

Yours respect  
 H. H. Foster  
 H. H. F.

2/17/79

SCIENTIFIC and MEDICAL MINERAL  
 WATER, FOSDICK, PENN. PAID  
 FOR SALE BY A. H. POSTER, M. D.  
 1000 N. 10th Street, Philadelphia  
 and 1000 N. 10th Street, Philadelphia  
 1000 N. 10th Street, Philadelphia  
 1000 N. 10th Street, Philadelphia



New Jersey Express Company.

Assistant Superintendent's Office.

NEWARK, N. J. July 8 1879

T. H. Edison Esq  
Great Park Rd  
Newark

Please note reply of Wm  
Hoy Esq Esq Adams Express Co ref.  
Shippers of C&D goods very properly  
object to our accepting checks for  
collections - no doubt you could  
arrange with Curtis in ref to write  
on their bills the instructions suggested  
by Mr Wood -

Respectfully  
J. Wickerman  
Asst. Supt.

[ENCLOSURE]

New Jersey Express Company.

Assistant Superintendent's Office.

NEWARK, N. J. *Feb 6* 1879.

*W. H. E. Co.*

*Superintendent*

*Edison Express Company*

*Dear Sir*

*New York*

*Knowing well the difficulty  
in the way of accepting checks for  
collections, I submit Mr Edison's  
letter to you for any suggestion you  
may have. Your advice is al-  
ways acceptable to*

*Yours truly*

*W. H. E. Co.*

*Chas.*

*Asst Supt*



[ENCLOSURE]

Mr. Ackerman  
My Dear Sir: Jellie Edison  
owed our Company any money  
I presume there would be  
no objection to taking his  
check. But we cannot  
answer for a similar millig-  
-ness on the part of shippers  
of 600 per go. and to prevent  
any unpleasantness we would  
suggest that Mr. Edison, in  
ordering goods which are to  
be sent C.O.D., say to shippers  
to note on their bills, instruct-  
ions to the Express agent to  
accept checks to their order,  
on Shree Doreel, Morgan & Co of N.Y.  
Yours  
D. H. O'Connell  
1904 Feb 26/100

"Memo Paris July 10/99"

Estimate for painting the interior  
of D. A. E. office

Work to be done as follows =  
Side walls both floors to be finished  
in oil, not less than 4 coats =  
ceiling to be tinted and  
lined with appropriate borders.  
on side walls = = All the wood  
work to be <sup>put in</sup> oil, at least two coats and  
finished in shellac. Pine doors  
to be grained. The whole to  
be finished in the best possible  
manner for

One Hundred and Ten Dollars  
\$110.<sup>00</sup>

E. Edwards  
Elizabeth  
- J.

Laboratory of  
Prof. Thomas A. Edison  
Menlo Park, N.J.

Feb 11 1879

I agree to furnish material and to do the following work on Office partitions in a first class manner for the sum of one hundred dollars  
all material to be of Oak and walnut outside to be paneled and mounted floor in partition to be walnut and Oak. and finished in a workman like manner to satisfaction of all parties  
I have seen and to agree with drawing or plan furnish —

REINMANN & BAETZ,  
MANUFACTURERS OF  
Chemical and Physical Glass Instruments,  
No. 66 Fulton Street.

New York, ~~Monday~~ <sup>Friday</sup> 9

Mr. Edison. West Park  
Newark N.J.

Dear Sir!

We wish to notify you,  
that your Mercury Air Pump  
will be Delivered, to Newark  
Monday 26<sup>th</sup> inst, and in case  
you wish to try it right away,  
please have the Mercury prepared.  
(about 25<sup>cts</sup>).

Very Respectfully  
Reinmann & Baetz

My dear Mr  
Regimental Doctor  
no reply

New York, March 20<sup>th</sup> 1877  
Highgate St  
No 6 Edison. New York  
Dear Sir!

I like to call your  
attention once more to the  
purity of the mercury, what  
you want to use with the  
air pump. The best way, is  
to clean and dry it, is, to put  
the Mercury in a vessel, and  
mix it with good Chloride of Zinc.  
Then pour it through a funnel  
lined with paper, with an opening  
of about  $\frac{1}{16}$  to  $\frac{1}{8}$  in. Perforated  
and keep the last drops in  
the funnel. The Mercury must  
be kept perfectly free from  
all metallic substances, otherwise  
the pump will be coated in  
very short time with metallic  
mercurial parts. As it is a

very difficult and dangerous  
job. ~~The~~ clean and dry such  
a pump again, great care  
has to be taken especially  
with the first mercury, used, so  
the rubber tube does not get  
wet. One of us would rather  
like to come over to you once  
more, to get the instrument  
in right work. The mercury  
what you had there, should  
have been washed with the  
Plaster of Paris anyway, as  
it showed some remainders  
in the pump already.

Enclosed please find our  
bill for \$48<sup>00</sup> for which your  
check is well come.

Respectfully  
Yours,  
C. W. C. C.

Secretary Supply  
Birmingham & Co.

Corliss Steam Engine Company.

Incorporated June, 1856.

GEORGE H. CORLISS, Treasurer.

Providence, R. I. 26<sup>th</sup> March 79.

J. A. Edison, Esq.  
Menlo Park, N. J.

Dear Sir,

Replying to your letter of the 25<sup>th</sup> inst. we would say that on the first visit of one of our representatives to your vicinity we will have him extend his journey so as to call on you.

We'll notify you a day or two beforehand of his coming so that you can arrange to be at home.

Yours very truly,

Corliss Steam Engine  
Co.  
per Ed. W. Raymond

REINMANN & BAETZ,

MANUFACTURERS OF

Chemical and Physical Glass Instruments,

No. 90 Fulton Street.

New York, March 17, 1879

Mr Edison, New York  
Berlin!

As I have to be  
over in Newark on Friday  
March 28<sup>th</sup> I will call on  
your place same day afternoon,  
to bring everything about the  
pump in right shape. There  
are far more little points,  
which I have to explain by  
experimenting with the pump.

If you could have the men  
every ready than, it would  
oblige

Yours very Respectfully

W. Reinmann of  
Reinmann & Baetz



Dr. Lii  
on polydinitro furc  
357 pr. g. (molybdinit  
confuse from 30 to  
60 of molybdinit  
that as he found  
shall be pleased  
to receive your  
order  
Yrs Respect  
T. E. Pratt  
Mr. Minell  
ask about the  
above



written Oct 2, 1919 for a letter of  
appreciation to Mr. Edison for his work



THE NATIONAL  
POSTAL CARD

PHILADELPHIA  
PA  
OCT 2 1919

WRITE THE ADDRESS ON THIS SIDE - THE MESSAGE ON THE OTHER

Prof. S. H. Edison  
Morris Lane  
N. J.

CHARLES BULLOCK.

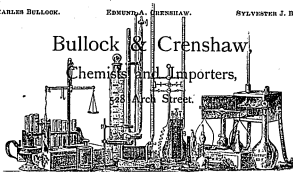
EDMUND A. CRENSHAW.

SYLVESTER J. BAKER.

Bullock & Crenshaw,

Chemists and Importers,

241 Arch Street.



Philadelphia, April 2nd. 1879

T. A. Edman

Dear Sir,

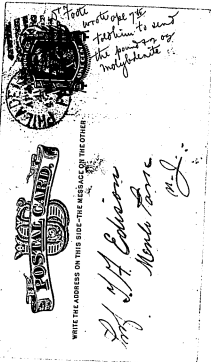
We have on hand  
only 1303 Tungsten; the metal as  
used by steel manufacturers. It will  
cost you \$2.00 per pound. Shall  
we send it?

Resp.

Bullock & Crenshaw  
per Mrs  
C

Mila April 22 19  
Bullock's Cyprian  
and also to him  
to send the 1303 map



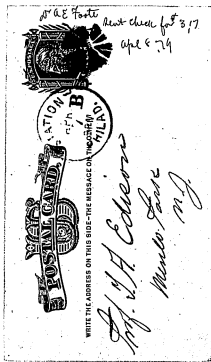


**WAYS TO POSTAL CARD**

WRITE THE ADDRESS ON THIS SIDE—THE MESSAGE ON THE OTHER

*Take words of the addition to send the friends of my wife*

*Prof. W. H. Edwards  
New York  
W. J.*



**WAYS TO POSTAL CARD**

WRITE THE ADDRESS ON THIS SIDE—THE MESSAGE ON THE OTHER

*W. H. Edwards*

*Next check for \$17  
April 6 '17*

*Prof. W. H. Edwards  
New York  
W. J.*

Dear Sir  
 Yours of the 8th.  
 met with check for \$20  
 just recd. I know where I can buy you  
 another lb. of nitric acid, @ \$30 if  
 you wish it. Hoping to rec. your further  
 orders, I am  
 Respectfully  
 A. S. Foote  
 1852

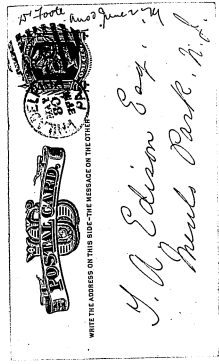
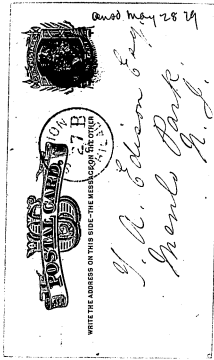
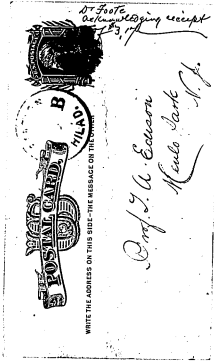
SCIENTIFIC and MEDICAL BOOKS,  
 MINERALOGY, CHEMISTRY, PHYSIOLOGY, MEDICINE,  
 SURGERY, ANATOMY, &c. &c.  
 For Sale by  
 J. S. Foote, 107 Nassau St. N. Y.  
 (Opposite the City Hall) and  
 History of N. Y. and Dutch's Annals, &c. &c.  
 Sells the most complete and valuable  
 Libraries ever in New York. Catalogues  
 forwarded on application.

At the price you or  
 desired the price of me  
 was almost entirely out  
 of it & was consequently, I could get  
 more. Since then I have been unable  
 enough of it & I pay 200 for assistance  
 when I could obtain a quantity for  
 \$3. in exchange, I will allow this  
 price although it is high when  
 taken to be the wholesale C. I have  
 no platinum for sale. You mention that  
 it is found in N. Carolina. It is found in N. Carolina.

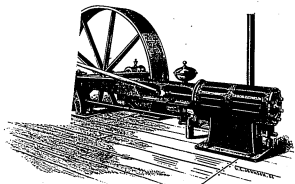
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 Sells the most complete and valuable  
 Libraries ever in New York. Catalogues  
 forwarded on application.

The platinum that I  
 sold you about a  
 specimen I received some  
 months ago, but it is really  
 I have no other & do not know  
 I shall have any from that source.  
 If you are going to send the specimen please  
 do so at once as I do not wish to miss  
 the opportunity of getting it from the  
 other party.  
 Yours Resp<sup>tly</sup> A. S. Foote

SCIENTIFIC and MEDICAL BOOKS,  
 MINERALOGY, CHEMISTRY, PHYSIOLOGY, MEDICINE,  
 SURGERY, ANATOMY, &c. &c.  
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 Sells the most complete and valuable  
 Libraries ever in New York. Catalogues  
 forwarded on application.







C. H. BROWN & Co.

Sole Manufacturers of

— THE "BROWN" —

AUTOMATIC CUT-OFF

STEAM ENGINES.

WORKS, MAIN STREET.

Fitchburg, Mass. May 31. 1879.

Thos. A. Edison Esq.

Mount Park

N. J.

Dear Sir,

We would be pleased to know if the Engine you purchased of <sup>us</sup> through Agency of Mr. E. P. Hampson has given satisfaction and proved equal to your expectations.

If you can conscientiously speak in favor of our engines, and are willing to do so, would like to receive testimonials from you for publication in an illustrated circular of our engines, which we shall soon publish.

Would also like to know the result of tests if any have been made.

Trusting that you have in no way been disappointed we are

Very truly yours

C. H. Brown & Co.

As I understand from what  
you said ~~partially~~ I am to  
write all Laberka.

I presented this to Mr E  
June 10, 1879 his answer  
was - yes

M.C.

P.O. BOX 209.



J. A. Edison Esq  
Marlo Park N.Y.  
Dear,

After making the experiment of lining the iron pipe sent us, we have made an approximate estimate on the same, and think we could furnish it to you at about the following prices, lining 6 in 80¢ per ft, 3 in 30¢ per ft, other sizes in proportion. We would be willing to take an order to line fifteen or twenty lengths at these prices, and if we find it can be done for less than

our present estimate, will give you whatever advantage there may be. It is impossible to give exact figures without lining several of them, as we can tell in no other way, what proportion of them will turn out perfect. Awaiting an early reply, we remain,

Yours truly  
Novelty Rubber Co.  
J. W. Hardenbergh.

PAGE, HENDER & FLETCHER  
COAL TAR PRODUCTS  
INCORPORATED APRIL 1893  
ADDRESS P.O. 2443.

10 Warren Street,

New York, 7/26/1897

Prof. J. A. Edison =

Menlo Park N. J.

Dear Sir =

We man-

ufacture among other fine  
products of Coal Tar, Niter-  
Benzole and Carbon of 97 +  
98 per cent. - Can you use  
either of these - or any  
Coal Tar product?

reply in margin awaiting your

Have no use for  
the product  
As I am in need  
of some fine tar products  
I would be glad to  
order from you if  
you can supply  
the same. I have  
had the usual  
egg to which  
we are  
our  
Yours  
Wm. Page  
Pres.

W. W. HENDER & FLETCHER  
COAL TAR PRODUCTS  
INCORPORATED BOSTON  
MASSACHUSETTS  
ADDRESS P.O. 2442

W. W. Hender  
New York 7/30/1879

Prof. Thos a. Edison -  
Dear Sir -  
London

List of Coal Tar bodies.  
I have checked those for  
which no commercial use  
has yet been found.

Their cost  
will be governed by the quantity  
required and the question of  
permanent or temporary demand.

Very truly Yours  
W. W. Hender

Do you require small  
samples of these  
products?

PAGE, KIDDER & FLETCHER,  
PALISADE CHEMICAL WORKS,  
BULL'S FERRY, N. J.

OFFICE, No. 10 WARREN STREET, NEW YORK.

1876. COAL TAR PRODUCTS. 1876.

Location of Exhibit, Post T 42, South side Main Building, Chemical Department  
United States, opposite American Restaurant.

TO UNDERSTAND THIS EXHIBIT, PLEASE READ CAREFULLY THE FOLLOWING.

This Exhibit consists of the PRODUCTS OF COAL TAR and an Illustration of their uses.

COAL TAR is one of the RESIDUAL PRODUCTS IN GAS MAKING.

The Coal Tar Products are contained in the show case. The small bottles hold seventy-four (74) Laboratory Specimens, arranged according to the relative position they occupy in Coal Tar. Many have a commercial value; others possess scientific interest only. Among the former are Benzole, Nitro-Benzole (or Oil of Mirbane), Aniline Oil, Phenol, Benzaldehyde (or Oil of Bitter Almonds), Salicylic Acid, Methylsalicylate (or Oil of Wintergreen), Phthalic Acid, Aurine, Rosaniline, Naphthalene, Anthracene and Alizarin.

The ordinary Commercial Products are contained in the glass jars and case on the table.

From Coal Tar are obtained the brilliant Aniline Dyes used upon Silk, Woolen, Cotton, Leather, Paper and other Fabrics. It also yields artificial Madder (Alizarin), which has very generally been substituted for the natural Madder in dyeing and printing cotton, etc. (See Exhibits). In seven years it has nearly displaced Madder culture, an agricultural industry centuries old.

Carbolic and Salicylic Acid, the wonderful disinfectants and antiseptics, and Creosote Oil, the only economical and effectual agent for the preservation of wood from decay and its protection from the marine worm, are produced in large quantities from Coal Tar. (See Exhibits). The latter is also used for making Lamp-black.

Nitro-Benzole (Oil of Mirbane) is used by soap manufacturers to neutralize the offensive odors of the fats.

The artificial Oils of Bitter Almonds, Spices, Wintergreen, etc., are identical with, and used for the same purposes as, the real Oils.

Naphthalene yields several new colors.

Paraffine Varnish is the best and cheapest coating for Hollow Ware, Railings, and other Iron Work. The Carbolic Soaps, Ointment, Troches and Carbolyzed Hose, illustrate some of the varied uses of Carbolic Acid.

Coal Tar Pitch is used for roofing, paving, coating powder kegs, and in the utilization of waste coal dust for locomotive and steamer fuel. (See Exhibits.)

The Silk Flags, Paper Hangings, Carpets, Silks, Prints and Leather, illustrate the practical and extensive use of Coal Tar Dyes.

SEVENTY-FOUR BODIES  
OF THE  
AROMATIC GROUP DERIVATIVE FROM COAL TAR.

PRODUCED BY  
PAGE, KIDDER & FLETCHER,  
Palisade Chemical Works, Bull's Ferry, N. J.  
OFFICE, No. 10 WARREN ST., NEW YORK.

J. C. F. CHEEVER, Superintendent and Chemist,

(Graduate of Lawrence Scientific School, Harvard.)

D. W. WARDWELL, Assistant Chemist,

(Graduate of Sheffield Scientific School, Yale.)

- |  |  |
|--|--|
| 1 L Benzene.                                 | 38 L Xylenol.                          |
| 2 L Monochlorobenzene.                       | 39 S Phthalic Acid.                    |
| 3 S Dichlorobenzene.                         | 40 L Styrolene.                        |
| 4 L Nitrobenzene.                            | 41 L Mesitylene.                       |
| 5 S Dinitrobenzene.                          | 42 L Pseudocumene.                     |
| 6 L Amidobenzene (Aniline).                  | 43 L Cymene.                           |
| 7 S Paratraniline.                           | 44 L Pyridine.                         |
| 8 L Cyanobenzene (Phenylcarbamine).          | 45 L Picoline.                         |
| 9 S Azobenzene.                              | 46 L Collidine.                        |
| 10 S Phenol.                                 | 47 L Leucoline.                        |
| 11 L Methyl Phenate (Anisol).                | 48 L Acridine.                         |
| 12 S Orthotrophenol.                         | 49 S Diphenyl.                         |
| 13 S Trinitrophenol (Picric Acid).           | 50 S Stilbene.                         |
| 14 S Dinitroamidophenol (Picramic Acid).     | 51 S Aurine.                           |
| 15 S Barium Isopurpate.                      | 52 S Leucaurine.                       |
| 16 S Tribromophenol.                         | 53 S Rosaniline.                       |
| 17 S Quinone.                                | 54 S Rosaniline Hydrochlorate.         |
| 18 S Hydroquinone.                           | 55 S Leucaurine.                       |
| 19 S Tetrachloroquinone (Chloranil).         | 56 S Naphthalene.                      |
| 20 S Toluene.                                | 57 S Naphthalene dichloride.           |
| 21 L Nitrotoluene, 1-2.                      | 58 S Mono nitronaphthalene.            |
| 22 S " 1-4.                                  | 59 S Dinitronaphthalene.               |
| 23 L Amidotoluene (Pseudo-toluidine), 1-2.   | 60 S Amidonaphthalene (Naphthylamine). |
| 24 S Amidotoluene (Toluidine), 1-4.          | 61 S Naphthol.                         |
| 25 L Cresol.                                 | 62 S Naphthoquinone.                   |
| 26 L Benzylchloride.                         | 63 S Acenaphthene.                     |
| 27 L Benzaldehyde (Oil of Bitter Almonds).   | 64 S Phenanthrene.                     |
| 28 S Benzoic Acid.                           | 65 S Phenanthrenquinone.               |
| 29 L Methyl Benzoate.                        | 66 S Anthracene.                       |
| 30 L Ethyl Benzoate.                         | 67 S Paranthracene.                    |
| 31 S Benzamide.                              | 68 S Anthraquinone.                    |
| 32 L Benzozitrile.                           | 69 S Mono nitroanthraquinone.          |
| 33 L Salicylaldehyde (Oil of Spirea).        | 70 S Allizarin.                        |
| 34 S Salicylic Acid.                         | 71 S Pyrene.                           |
| 35 L Methyl Salicylate (Oil of Wintergreen). | 72 S Fyroquinone.                      |
| 36 L Isoxyleno.                              | 73 S Chrysene.                         |
| 37 L Nitroxyleno.                            | 74 S Chrysoquinone.                    |

\* L Liquid. \* S Solid.

Wm. H. Rorer & Fletcher  
COAL TAR PRODUCTS  
PHILADELPHIA, PA.  
Address P.O. 4442

Geo. Shepard & Co.  
10 Nassau Street,  
New York Aug 14th 1879

Prof. J. A. Edison -  
Menlo Park, N.J.

of course I should get the stuff and make the

The Coal Tar Products wanted  
as we produce them, at least  
most of them, in the absence  
of any demand commercially,  
as made in our laboratory  
at considerable expense.

We have about four or five  
samples of each in our office  
and should prefer not to reduce  
the quantity, unless it was  
quite probable that you could  
make available the ones selected.

If your decision will be that



aided. I can send you the chemi-  
cal formula of each of these  
products.

From Expression his  
with you at an interview last  
fall, when thought you could  
be a valuable help in getting  
credit where it was most frequently  
needed. I have been looking for  
competent auto and home insurance  
self insured and I require it the  
pleasant information, whether it could  
be profitably employed. I submit  
this as for it. I have been  
on to seeing that I have not  
done my best. I hope I have  
not done it. I have been  
with you. I have been  
with you. I have been

Come tomorrow

REINMANN & BAETZ,

MANUFACTURERS OF

Chemical and Physical Glass Instruments,

No. 96 Fulton Street.

New York, Aug. 7<sup>th</sup> 1879

J. A. Edison Esq

Menlo Park.

Dear Sir!

I regret to state, that Mr Baetz has become sick last night and will not be able to come this week. I expect him well next week, will you please notify me, when you wish to have him over in your Laboratory then.

We will send the smallest size of tubing by express, if you need, ~~today~~ before Mr Baetz can come to you.

with love from  
Kunze

Very Truly yours  
Reinmann & Baetz

N.Y. Aug 19<sup>th</sup> 79  
6 P.M.

Dear Sir!

If you wish Mr Baetz to come over once more please send me a dispatch, as we are very busy. Of course we will attend to your matters first.

Very Truly yours  
Reinmann & Baetz  
96 Fulton

SCIENTIFIC AND MEDICAL BOOKS,  
MINERALS, SHELLS, FOSSILS, BIRDS, EGGS, &c.

A. E. FOOTE, M.D.

Doc. Med. and Chem., Fellow Am. Acad. Med. Science, Litt.  
Member Am. Museum Nat. Hist., N. Y., and  
Fellow's Academy Natural Science.

1500 DELAWARE AVENUE, PHILADELPHIA.

Quotations sent by return of postal note.

*John Combs  
New York  
A.E. Foot.*

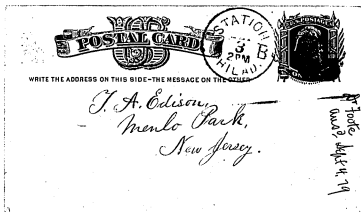
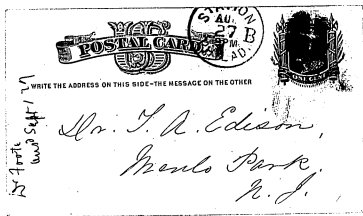
*Wm. H. ...  
at ...  
week*

Dr. J. A. Edison,  
Dear Sir,

I have no  
Communion of the kind  
you wish, nor have I ever  
seen a pound of it  
altogether. If you are  
willing to pay a high  
price I will try to  
obtain it for you. I think  
it would cost you from  
\$5. to \$20. an oz.  
I know I have the  
finest Communion  
offered for sale in the U.S.

and I might be able  
to get together 1 oz. of trans-  
lucent cornucopia that  
I could sell you for \$3,  
and be willing to  
buy correspondents in  
N.C.; S.C., Alabama, Ga.,  
&c. I might get together  
several lbs. for you,  
but I should wish you  
to guarantee me \$20. a lb.  
if I could not get it for  
less. I can furnish you  
with top oz, originally  
transparent but now  
somewhat cracked by  
exposure to the weather but  
would answer your pur-  
pose to good use as well as  
if it were transparent for 50 c  
a lb. It is mac in weight





SCIENTIFIC AND MEDICAL BOOKS,  
MINERALS, SHELLS, FOSSILS, BIRDS, EGGS, &c.

—FOR SALE BY—

A. H. FOOTE, M.D.

Prof. Min. and Geol. in the Univ. of Mich., Ann Arbor, Mich.  
Prof. Geol. in the Univ. of Wis., Madison, Wis.

1000 Washington Avenue, Chicago, Ill.

Specimens may be purchased by mail.

—CATERPILLAR'S LITHOGRAPH LETTER-HEAD—

sent by

Send the  
 3 of Hornblende  
 2 lbs Columbite  
 1 lb of Urtinkite  
 5 lbs Salmagundi  
 1 lb Vanadinite

Wm. H. ...

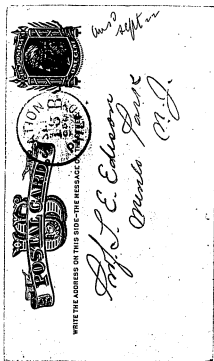
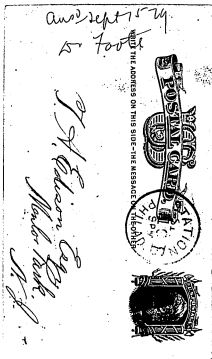
I can furnish this at Baltimore.  
 I have but very little on  
 hand. But can furnish what I have for 50¢  
 in oz. but if you are in no hurry for it, and  
 can wait I can get it for you for \$2.00  
 per pound Columbite, I can kindly furnish you  
 with all you want at \$2.00 per pound. Urtinkite  
 200 are the same for each several pounds more with  
 quartz. Salmagundi I have but 60 grains pure.  
 I have furnished for \$2.00 for 40 grs. Salmagundi  
 can easily furnish you with all you want at  
 \$1.00 per pound Vanadinite 500 are oz. mixed  
 with quartz. You can send me 10 lbs  
 of one of quartz, mixed if the crystals are  
 above the average. Be sure to receive your order  
 for each of the above.

I remain  
 Yours respectfully

A. H. Foote







Yours. Sir: 12 R. 3 Belmont Ave.  
Sept. 22, 1914  
 I had supposed that the specimens went to you with at least equal care being labelled, and even if they were not I should have expected the mistake and we get would have enabled you to separate the different kinds. If you have trouble in doing so please return and I will label them. The piece left out of package by mistake was *raspadinata*. I am obliged to thank you very much for your kind attention.  
 Yours truly, - L. S. Foster

10/1/14  
 Dear Sir,  
 I have at present but 60 gr of Thoria which I can furnish for \$2.00 it is pure however I have several companions in money I will send for some if you desire  
 Yrs Respect  
 L. S. Foster  
 at what price per lb can you get me a good lot

Philadelphia Oct 29/14  
 Dear Sir, your favor of the 10th Inst. covering check for \$17.95 to hand, and am pleased by your order with thanks.  
 There is still a balance due on Order Oct. 13<sup>th</sup> for Thoria \$2.00.  
 Truly Yours,  
 L. S. Foster

RECEIVED BY THE  
 NATIONAL BUREAU OF STANDARDS  
 DIVISION OF CHEMISTRY  
 OCT 29 1914  
 PHILADELPHIA PA  
 U.S. DEPARTMENT OF COMMERCE  
 NATIONAL BUREAU OF STANDARDS  
 DIVISION OF CHEMISTRY  
 PHILADELPHIA PA



**Williams & Plum,**  
Lithographers

Newark, N. J. Nov 17<sup>th</sup> 1879

J. A. Edison Esq  
Board Room

Yours at hand and in  
reply we would state that the board  
spoken of in yours is a superior  
hard stock Bristol Board, and we  
can furnish it by the score  
1450 sheets for \$24.00

Yours Truly  
Williams & Plum.

Will Renew January 1st, 1880, to our New  
Buildings, cor. 11th St. & Avenue D.

MEMORANDUM.

FROM

Leo Schlesinger & Co.,

MANUFACTURERS OF

TIN AND MECHANICAL TOYS,

182, 184, 186, 188 & 190 AVE. C.

To Prof. T. A. Edison

Memo Park

N.Y.

Dear Sir:

New York, September 29, 1879

Replying to your favor of 25<sup>th</sup> inst. we beg to say that if you can use the Post Press we have shown your representative, we will let you have it and the Wray Thermobile in complete working order in exchange for 4 of your transmitting Telephones, which we want to use in our Factory.

We also beg to say that if the "Wray Thermobile Patent" is of any use to you, we have the sole right for its disposal in the United States.

Awaiting your reply we have the honor to remain  
Very truly yours,  
Leo Schlesinger & Co.

Sec. 60, page 108

Mr. J.

Memphis

not possible as to our  
If we shall like us,  
mean to let the thermos  
to access the internal  
resistance & E. M. F.  
as it value depends  
on the other thing and  
would never not offer  
less or purchase of the  
true is satisfactory

FROM THE LABORATORY OF  
T. A. EDISON,  
MENLO PARK, N. J.  
U. S. A.

500 Watson Cells \$1.50  
 1000 Rubber Hook Ins. 15¢  
 1000 Irony Insulators - screw pattern  
 made porcelain - of Glass <sup>probably less</sup> 32¢  
 Bergman he can get them  
 made of porcelain - in porcelain  
 of kind in market  
 1000 Brackets 2½¢ probably less  
 1000 top Pins 2½¢  
 250 # No 18 paraffined office wire  
 wire patent <sup>fine</sup> 42¢  
 1000 wire clebs 2 wire \$1.75 per 100  
 1000 " " 4 " \$2.60 " "  
 50 2 wire rewire switches  
 about \$2.25 if less he will  
 do it  
 20 one drop annunciators }  
 20 two " " }

FROM THE LABORATORY OF  
T. A. EDISON,  
MENLO PARK, N. J.  
U. S. A.

~~#~~ 10 three drop Annunciator }  
10 four " " }  
10 five " " }

Annunciator Bergman will  
give us price afterward

We must decide as to Bell or  
relay



1879. Mining - General (D-79-026)

This folder contains correspondence and other documents relating to the separation of ores and the location of platinum and mica mines.

All the documents have been filmed.

# Sacramento and Placerville Railroad.

FREIGHT AND TICKET OFFICE.

Sacramento Cal May 24 1879

Thos. Edison Esq  
New York City

Dear Sir

I wish to state some facts to you  
and ask certain questions. A few days ago I was  
told by a Mining Man (Mr Swan) that in experimenting  
on Refractory ores in San Francisco that they applied  
the "Electric Light" on ore when in a hot mass  
in furnace & the result was that Copper & Silver  
(or that was what ore contained) run out of it in  
separate parts - Now whether this ore was from Missouri  
I cannot say, or whether there was a percentage of  
Lead which acted as a flux. Now knowing of your  
ability to work in such things - do you think it  
possible for the precious metals to be run out  
of Sulphuretted ores, by the Electric Light? It is well  
known fact that 75 per cent of our ores are refractory  
and much is lost in the usual methods of working  
you to the man who can reduce ores & save most

of the precious metals, at moderate cost - that one  
has a bonanza - You you may have looked into this  
matter already. I am sure if there is anything in  
it you can bring it out - You may ask what interest  
I have? For the progress of science & for self - hood  
of others who have "reputable" eyes as you are troubled  
with communication perhaps you may not think the  
worth of answer, but if so will be pleased to hear  
from you on this subject -

Yours Respectfully  
W. E. Hale

address

- 710 E. State.

Sacramento  
California

It is very probable that as steam power may be  
transformed into electricity without loss  
of more than 50 p.c. that Electricity may  
be used to separate Gold & Silver from base  
metal, Nothing has been done in that  
line but everything can be accomplished  
by electrolysis. The results you  
speak of were probably obtained by the use  
of the dynamo machine used in the Electric  
Light & ask about platinum

Sacramento May 14th 1874  
W. E. Hale  
Dear Mr. Hale

Tonawanda N.Y. July 5<sup>th</sup> / 79

J A Edison

Dear Sir, your favor recd. Thanks for the same, in answer about the Zirconia, have this information. I have been connected with some mineral developments in Rome, in experiments made for determining the combinations of ores an element was found, which in many respects resembled descriptions of Zirconia, so that element was obtained in chloride form for composition analysis and the product obtained from the ore called Zirconia. Dr Leitch of Genoa made some assays of several ores, finding each to contain this element, much Alkaline elements are in these ores they for acid reduction have to be leached, one chemist reported from one to two hundred pounds of this Zirconia per ton in some ore, a Contract has been made for working the ore for the other metals, which is pending now by parties here about, one of 20 marks, and this Zirconia is what it was resolved to be, it might be taken care of without extra amount of expenditure, for market, I do not know whether Mr Leitch ever used an electrical spark on this element or not, I believe you can obtain the ore and reduce direct from it as easy as

from crystals its combination in the crystal  
with silica makes it much more refracting facet  
in the case its in solid form probably. do not know as its  
been determined. No chemists here are much acquainted  
with it. I think friction batteries can be made as  
connections to other machinery, constructed of the right  
material and form, they will give more power than  
supposed. I believe there is to be a new departure in this  
power's development. - Mr. Fotherell will give you  
any information about the case and I think send  
you sample of the element I believe he has shown he  
extracted last year.

Very Truly Yours  
Wm. H. P. Stearns

Received of Mr. F. H.  
July 5, 1854  
Wm. H. P. Stearns  
Circuit Court  
Tombstone, July 7, 1854

W. L. SCOTT & Co.,

*Anthracite and Bituminous Coals.*

OFFICE, SCOTT'S BUILDING.

ERIE, PA.

July 26<sup>th</sup> 1879

J. A. Edison Esq,  
Menlo Park N.J.

Dear Sir;

In re. Platinum.

Being interested in your light-experiments and noting your demand for Platinum, and also being slightly interested in a machine that separates the fine particles of Platinum from the Auriferous black sands of the Pacific Coast, I write this for your information thinking it may possibly be the means of helping you as well as the machine.

This machine was built here in Erie and duly patented by E. W. Stephens who now has it in California. The object is to separate the fine flour gold from the Pacific Coast sands, and this is the only object that Mr. Stephens is now working for in Cal.

I send you same mail as this, Mr. Stephens's Circular which will give you an idea of the machine and its working.

Our first experiments were conducted by Hon. W. Baker of New York City, a mineralogist of considerable note, and much to his surprise,

W. L. SCOTT & Co.,

*Anthracite and Bituminous Coals.*

OFFICE, SCOTT'S BUILDING.

F.A.E.  
2

ERIE, PA.

187

He was able to make distinct separations of magnetic Chrome Iron ore, Ruby Crundum, Platinum, and several other classifications, the names and percentages of which I have forgotten, save that there was a very large percentage of the Chrome Iron, 20% of the whole bulk Ruby Crundum, and a sufficient percentage of Platinum to pay for working for that alone. Could you communicate with Judge Baker, he could furnish you much more explicit information than I can, but I do not know his address further than given above.

Mr. Stephens has been in San Francisco some 1/2 King over a month for the purpose of introducing his Concentrator on the coast, and a letter to him would also put you in possession of the character of the sand and the capabilities of his machine. Address Cal. Ell. Stephens, Box #637 San Francisco, Cal.

Hoping that this may become the means of helping you out of your Platinum problem, I am

Yours Respectfully,  
J. B. Whipple

Wm. L. Scott & Co.  
 Wholesale and Retail Dealers in  
 Stationery, Printing, and Bookbinding

Dear Sir,  
 I have the honor to acknowledge the receipt of your letter of the 10th inst. in relation to the purchase of a quantity of stationery for the use of the U.S. Army. I have the pleasure to inform you that the same has been forwarded to you by express of the 12th inst. and will reach you in a few days. I have also the honor to inform you that the same has been forwarded to you by express of the 12th inst. and will reach you in a few days. I have also the honor to inform you that the same has been forwarded to you by express of the 12th inst. and will reach you in a few days.

Yours respectfully,  
 Wm. L. Scott & Co.

Enc. for file

10/10/1877



Crested, D. S. Apr. 5, 1890

Prof. T. A. Edison  
Mills Park

Dear Sir,

Your sample of mica  
and I had nearly this week a sample of mica  
taken from a lode near this place, which I desire  
you to examine. It comes from a point about two  
miles from the lode. But if it is clear enough  
for your purposes can be furnished in larger  
quantities. It will probably be cheaper when we  
get deeper. You will oblige me by stating how  
much my mica, the signs used you will be willing  
to give per lb.

Sample mica read  
not good. Plenty that  
kind mica in N. C.  
not marketable must  
be deemed to be real  
this. If you can give  
it clear stamp  
you will be on it

Very Respectfully  
S. P. Chickland

OFFICE OF

T. S. ARTHUR, JR.

Attorney at Law.

Greenville, S. C. Oct. 6<sup>th</sup> 1879

J. A. Edison, Esq.

Dear Sir,

Your favor of 2d inst. to hand. I am sorry the Larnarkite was disposed of before my letter reached Mr. Spang. Your Agent Mr. Hadden while at Pickensville, witnessed the great difficulty attending in procuring the Larnarkite. It cannot be mined, for itself alone, at any reasonable price, as it is deposited in pockets with decomposed feldspar for a gangue. I have bought the mineral interest for the feldspar for five years, with lease of

of the Samarkite. I have found  
a market for my decomposed  
feldspar, at a small margin,  
and I would make the follow-  
ing proposition to you, Neph.  
If you will advance me  
\$2,000 to enable me to put  
the kaolin on the market,  
I will return you \$500 on each  
car load as fast as I ship  
it & will purchase you with  
all the Samarkite that I  
get out at 75¢ per lb.  
The margin on my kaolin  
will bearly justify me at  
tenton but will undertake  
it with the hope of making  
something on the Samark-  
ite. If you are willing to  
accede to my proposition  
please notify your Mr. Had-  
den & he & I can arrange the  
details of the business. The busi-  
ness should be got under way before  
cold weather sets in.  
Very truly yours  
J. S. Arthur



that I can use in getting  
the <sup>MOORE</sup> <sup>that</sup> <sup>the</sup> <sup>price</sup> <sup>sent</sup> <sup>you</sup>. Now I hoped  
to get a cheaper quality of  
venetian <sup>mirrors</sup> mica <sup>for</sup> your  
purpose, & inquired particular-  
ly about it, but that part of  
my letter seems to have been  
overlooked. Please state  
precisely what you want as to  
size, <sup>or</sup> thickness (or weight)  
& I will have the order at-  
tended to. I succeeded in  
reducing the prices in your  
favor, as I still hope I am  
confident it will be practica-  
ble to furnish you at a much  
cheaper rate, with a reduced  
article, without a sensible  
the above may be to price,  
& good for your use.  
Yours truly  
W. C. Ketchum

Washington D.C.

Dec 31. 1879.

My dear Edison:-

Allow me to congrat-  
ulate you on your success in the  
electric light. As one of your  
friends I feel your triumph over  
all obstacles with the keenest grat-  
ification. When I had the pleasure  
of spending some hours in your  
laboratory and you showed me  
your methods, I was sure you would  
succeed as you have done, and placed  
yourself at the head of the electric-  
ians of the world.

I saw stated in an article  
in the Herald another matter - that  
you have discovered a method by  
which you can extract the gold  
from the tailings that have been  
worked by the imperfect mercurial

process. Now, to extract gold from tailings it is necessary to have tailings. I have a very large quantity nearer to you than anybody I know of, in a North Carolina mine that has been worked for many years, accumulating a large quantity of tailings which are reasonably rich. You are freely at liberty to make use of them either by taking your process down there and putting it in operation there, or taking the tailing away. They are but a short distance from the railroad.

The question, if it ever should arise between us, of compensation would be left wholly to you.

Yours, very truly,  
Your friend,

Thos. A. Edison Esq.  
Menlo Park, N.J.

Wm. B. S. S. S.

"Mexican Ouzf"

The gravel is situated at Teacali in the State of Puebla about 100 miles from the City of Mexico.

Physical characteristics & chemical composition

Hardness 4.50. Density 2.915.

lime 57. Magnesia 12.5. Water, oxides of iron, & manganese 4.40

Carbonic acid 42.40. Sulphuric acid 7.25.

These results are obtained from the variety of the finest white color. There are specimens which constitute yellow green red tints hold larger proportions of metallic oxides



**1879. Mining - Edison Ore Milling Company, Ltd. (D-79-027)**

This folder contains correspondence, agreements, and other documents relating to the business of the Edison Ore Milling Company, Ltd., which was incorporated in 1879. Also included is a lengthy memorandum by Edison on the value of platinum and the requirements for a successful mining and milling operation. Related material can be found in the Edison Ore Milling Company Minute Book (Company Records Series).

All the documents have been filmed.

Nov 24 79

20

My dear

A. A. Edison ms

Have seen Lewis have  
arranged to go with  
him and cutting to Mendocino  
Park Saturday will this  
suit you

J. H. Banker

1954  
Aug

John H. Porter  
Business Attorney  
Cor. Wall & Pine  
Chas. Francis Stone  
George T. Hamilton

Porter, Lowrey, Loreni & Stone,  
Attorneys & Counsellors at Law,  
No. 3 Broad Street, (DREXEL BUILDING.)

New York, Dec. 2, 1879

(P.O. No. 836.)

Dear Sir, Messrs Baucher & Cutting have  
asked me to draw up Certificate of Organiza-  
tion for the Edison Ice Molding Co. any

On order to state properly "the Object  
& nature of the business." It would like  
to have from you a description, in the  
rough, of your invention and of the  
processes in which it is to be used, i.e.

If you have drawn up any  
application for patent. Can I share  
a draft of the specification.

Have you any wish in respect to  
the name of the first incorporator.  
Do you want Mr Lewis or Mr  
McMahon, among them. If you do  
give me the residence of each.

Yours  
J. H. Porter

Mr Edison.

Blank No. 72.

### THE WESTERN UNION TELEGRAPH COMPANY.

#### ALL MONEY TRANSFERS MADE BY THIS COMPANY SUBJECT TO THE FOLLOWING TERMS:

For the accommodation of travelers and others, in emergency and incidentally to facilitate its own business, The Western Union Telegraph Company will make transfers of money, in small amounts, consisting no fraction of a dollar, between a limited number of its offices.

Such transfers will be made upon the following terms and conditions, viz: To cover charges and incidental service, a charge will be made of one per cent, on all sums of \$25 or over, and for smaller amounts such charge will be in cents in each case.

As the usual telegraphic service necessary for each transfer exceeds two telegrams of 15 words each, a further charge will be made for this service of a sum not exceeding double the tolls on a single message of 15 words between the transfer office.

Payment of the sums transferred will be made at the principal office of the Telegraph Company at the point designated, upon satisfactory evidence of the personal identity of the payee. The sending of a telegram requesting transfer of money to its sender will not be sufficient evidence of the identity with the payee of such transfer.

In case payment is not made to the payee within 48 hours after receipt of the transfer message by the Manager of the paying office (exclusive of Sundays and holidays), the transfer will be cancelled and the amount thereof refunded to the sender on application at the receiving office, and in such case the amount received for services and tolls will be retained by the Telegraph Company.

A. B. BREWER, Secretary.

NOVIN GREEN, President.

No. \_\_\_\_\_

*NY Dec 16 1879*

The Western Union Telegraph Company,

Received of *James H. Sawyer*  
*Chancellor of the Court* Dollars,

to be paid for *Exp. of*  
*James Sawyer to Cal.*  
subject to the above terms and conditions.

*Sheldon*  
*Trape*

Amount of Transfer, \$	<i>250</i>
Telegraph Service, . . .	<i>25</i>
Other Service, . . . . .	<i>250</i>
Total, . . . . .	<i>525</i>

This Memorandum of Agreement entered into  
this the 17<sup>th</sup> day of December A. D. 1879, by and be-  
tween The Hicison Ore Milling Co (limited) a Cor-  
poration created and existing under, and by virtue of the  
Laws of the State of New York, party of the first part and  
The United States Mining Investment Company a Cor-  
poration created and existing under, the Laws of the State  
of Connecticut party of the second part Whereas,  
Whereas, The said second party has entered into a  
Contract with Charles Waldreys, and George F. Gracie of  
The State of California, for the performance of con-  
tract requirements of Bonds executed to said Wal-  
dreys & Gracie by the two Corporations Mining interest  
and by virtue of the laws of the State of California and  
Arizona respecting the Clarke Flat Blue Lead  
Co and the Spring Valley Mining and Smelting Co  
under which Contract said second party binds are  
to receive from said last named Companies within  
thirty days from the first day of January A. D. 1880  
a deed to the properties owned by the said respective  
Companies last named, upon the payment to said  
Companies of the sum of Money set forth in the  
respective Bonds given or assigned to said second  
party bonds, by said Waldreys, and Gracie, and where-  
as upon the performance of the requirements of  
said Bonds by said first party bonds, said second  
party will become possessed of said properties, so  
named, and will continue in such ownership

until they shall arrive at is contemplated such

[CONTINUED ON THE NEXT PAGE]

be  
the  
the  
the

the  
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the  
the

[CONTINUED FROM THE PRECEDING FRAME]

a deed to the properties owned by the said respective Companies last named, upon the payment to said Companies of the sums of money set forth in the respective bills since last assigned to said said party last, by said Malaga, and Basie, and whose as upon the performance of the requirements of said Mines by said second party last, said second party will become partner of said properties so named, and will continue in such ownership until they shall accept as is contemplated such property and ownership to a new Corporation to be incorporated for the purpose of acquiring such ownership, and whose said second party or assigns last or is about to enter into the business of hydraulic mining upon the properties so designated heretofore

making use of the usual machinery, engines or undercurrents, in the process of mining, and whereas, said ordinary process is known to be deficient in saving the gold, much of said gold passing out at the end of the said sluices, flumes or undercurrents with the debris, commonly known as "tailings," and being thereby lost to the miner. And, whereas, the said first party has invented or discovered a method or plan by which a very large saving can be made of the gold now lost in said debris or tailings. And, whereas, the said first party is desirous of applying said method or plan to the saving of said gold now lost from the sluices, flumes or undercurrents of said second party, by catching and obtaining said debris or tailings, by a system of undercurrents or other apparatus, to be constructed and applied to the flumes, sluices, or undercurrents now in use, or which may be constructed and used in said mines of said second party, by said second party, his heirs, executors, administrators and assigns, said debris or tailings, to be removed by said first party, or his agents, to a laboratory or reduction works, to be treated for the extraction of the gold, as aforesaid, according to the plan or method of the said first party, said system of undercurrents or other apparatus, to be connected with the flumes or sluices of said second party, at such points in said flumes, sluices, or undercurrents, as shall be determined by said first party, his heirs, executors, administrators and assigns, it is mutually understood and agreed, that such undercurrents or other apparatus shall not be so placed as to interfere with the ordinary operation of hydraulic mining, or law, and it is also understood and agreed, that such undercurrents or other apparatus as may be erected by said first party, shall be owned by him, his heirs, executors, administrators and assigns, and shall be controlled by him, his heirs, executors, administrators and assigns, or by persons employed and paid by him or assigns, for such service; it being also understood and mutually agreed between the parties hereto, that the said first party, his heirs, executors and assigns, or his employees, shall have the custody and keeping of all matter or material which may be found and retained in the undercurrents or other apparatus, erected by him, his heirs, executors, administrators and assigns, excepting only quicksilver and amalgam, which shall be the property of the said second party, at all times, and shall be turned over to the custody of the

first party

first party

at their cost

The party of the second part or assigns to have free access to the Mills & other works where the water is used

2d party

20/10/1917  
said ~~second party~~ immediately upon being removed from the undercurrents, or other apparatus, erected by said ~~first party~~, his ~~heirs, executors, administrators and assigns~~, as aforesaid; it is also understood and agreed, that the laboratory or reduction works to be erected by the said ~~first party~~, his ~~heirs, executors, administrators and assigns~~, shall be located in Butte county, in the State of California, and that work thereon shall be commenced by said ~~first party~~, within twelve months from the date hereof, and be prosecuted to a finish of the same without unreasonable delay.

It is further understood and agreed, if the said ~~first party~~, his ~~heirs, executors, administrators and assigns~~, shall, from neglect or inability fail to maintain and keep in operation such laboratory or reduction works for a period of eighteen (18) consecutive months, then this agreement shall be null and void, at the option of said ~~second party~~, his ~~heirs, executors, administrators and assigns~~, otherwise to remain in full force and effect for the period of ~~two (2)~~ years from the date hereof. It is also stipulated and agreed, that in the carrying out of the provisions of this contract, the said ~~second party~~, his ~~heirs, executors, administrators and assigns~~, shall not be put to any expense in any way, whatsoever, in connection with the building of said undercurrents, or other apparatus, by said ~~first party~~, his ~~heirs, executors, administrators and assigns~~—the removal of said material from said undercurrents, or other apparatus, or for the working of said debris or tailings, or for the construction or maintenance of said laboratory or reduction works; and that the gold product of the working of said debris or tailings by said ~~first party~~, his ~~heirs, executors, administrators and assigns~~, shall be equally divided between the parties hereto, and hereinafter named; and that the erection and working of said undercurrents, or other apparatus for the saving of said debris or tailings, shall be in no wise detrimental, but rather beneficial to the ordinary method of hydraulic mining by the said ~~first party~~.

Now, in consideration of the premises, and the fact that said ~~first party~~ hereby agrees to invest and expend a large sum of money in the erection of such undercurrents or other apparatus, and in connection with the building of the laboratory or reduction works, aforesaid, and for the consideration of one dollar in hand paid to said ~~second party~~ by said ~~first party~~, receipt of which is hereby acknowledged, the said ~~second party~~, his ~~heirs, executors, administrators and assigns~~, hereby grant permission to said ~~first party~~, his ~~heirs, executors, administrators and assigns~~, to build such undercurrents, or other apparatus, as may be deemed proper by said ~~first party~~ for catching and saving said debris or tailings aforesaid, and to connect said undercurrents, or other apparatus, with the flumes or sluices of the said ~~second party~~ in the manner hereinbefore provided, with the right at all times for a period of ~~ten~~ years from the date of this agreement, to have free access to said ~~mine~~ for the purposes aforesaid.

The following is a description of the ~~second party~~ mine: ~~Spring Valley Mine~~

The location of the same is as follows: ~~Spring Valley Mine~~

In Witness of all of which, the parties hereto have set their hands and seals on the day and date first above written.

..... (Seal)

..... (Seal)

..... (Seal)

..... (Seal)

first party

works

Spring Valley Mine, owned by the Spring Valley Mining Co.

Car left by  
Mr. Gordon  
See from copy called  
"Carroll's Kraft"

Dr. Williams' Pink Pills  
for Pale People  
W. W. Williams  
Dr. Williams' Pink Pills  
for Pale People



New York December 29, 1879

Notice.

Sir

A meeting of the subscribers to the Capital Stock of  
The Edison Ore Milling Company, Limited, will be held at  
the Office of N. L. Cutting Jr. and Company, at No. 19, William  
Street in the City of New York, on Monday, January 5<sup>th</sup> 1880,  
at eleven o'clock in the forenoon, for the purpose of adopt-  
ing by laws for said corporation and electing directors thereof

Thomas A. Edison

James H. Banker

N. L. Cutting Jr.

G. P. Lowrey.

Charles H. Lewis

Commissioners &c.

Organize Co Capital Stock \$10,000,000

200,000  
~~200~~ Shares par value \$50.00

Issue \$1,000,000 20 year bonds 7%

" 1,000,000 pfd Stock 3% bonus bonds

Said bonds to be sold at par - privilege of paying them at anytime - when paid the preferred stock to cease bearing interest when bonds are paid and rank as common stock.

\$50,000 per year to be set aside sinking fund to pay 20 yr bonds. Interest on bonds + stock yearly - Balance of earnings to be applied as dividends on the stock

Pay owners of the property proceeds of 1,000,000 bonds and 50,000 shares of stock

200,000 shares capital stock	
20,000 "	as bonus with bonds
180,000	
50,000	
130,000	to owners of Property

Proposed  
Plan of organization  
Mining Co  
Cherokee Falls

(November)

The metal platinum on account of its stability, ductility, malleability, and refractory nature, its resistance to the attack of nearly all chemical agents stands alone as the most noble and the most absolutely indispensable metals in certain branches of the arts.

Platinum has never yet been found in vein matter, but always associated with gold in alluvial deposits. It bears every resemblance to gold as taken from the placer washings except that it is white. It always occurs in small quantities generally but  $\frac{1}{100}$  part of the gold but in some cases there is found as much platinum metal as gold. The uses of platinum is for dentists, jewelry, crucibles, insulating ceramics etc. Its salts are used in photography and chemical analysis. It is indispensable for the Electric Light.

The metals associated with it are iridium, (useful for alloying with platinum) palladium (used in telephones) osmium of iridium, useful for gold pen points and points for telegraphic apparatus, and ruthenium and rhodium which at present have no use but it is very probable that I could discover a use for them in the arts.

The refining of platinum is now entirely in the hands of the great firm of Johnson

2

Matthey & Co of London and one french firm in Paris. These firms are the sole purchasers and refiners to any extent of the platinum product of the world and they have grown immensely wealthy, the English firm having a capital of several millions of dollars. They refine all the gold for the government which means all the gold sent from every part of the world to London. As there is always a small per centage of platinum in gold as an alloy they obtain large quantities from this source.

The principal source of platinum is from the Ural Mountains in North Eastern Russia, the annual product being 80,000 pounds. The next largest source is Borneo 1000 pounds being annually sent to England. The 3<sup>d</sup> is the U.S. of Colombo South America, the shipment being about 2000 pounds. This is sent to Paris via the French line of Steamers running from Havre to Aspinwall and from Panama down the west coast of S.A. to Valparaiso.

The price per ounce of the Russian and Borneo platinum is about \$3.52 per oz. that of the U.S. of Colombo \$40 per pound. Johnson Matthey & Co charge to large consumers \$7.52 per oz for refined platinum

in ingots, and greater prices when in the form of wire and sheet. For a wire  $\frac{1}{1000}$  of an inch in diameter, they change \$12 per oz.

Now as platinum is as easy to draw as silver or copper and as copper of this size can be drawn for less than 10¢ per oz. it will be seen that they make an enormous profit from this wire. In the electric lighting system thousands of pounds of this wire must be used. At the prices of crude platinum I have made estimates which are based on experiments as far as possible which show that with the proper facilities I can produce this wire for less than \$4 per oz.

The amount of platinum sold in this country annually I estimate to be not less than \$150,000 and with the electric light probably \$300,000 would be the amount at the prices charged by Johnson Matthey & Co. Contrary to the statements and sneers of mining experts and mineralogists and scientific frauds I have succeeded in finding vast quantities of platinum in our own country obtainable if capital was at hand at a price not exceeding one dollar per oz. troy. I find that in many of the great hydraulic placer mines of California, mines that cannot be exhausted

for centuries, that there are large quantities of platinum thrown away that could easily be saved. For instance in the mine of the Spring Valley Canal and hydraulic mining Co of Cherokee Flat Butte County Cal there can be obtained 18000 ozs of platinum annually and from 4 other mines in the immediate vicinity 25000 more, and there are over 75 mines of this character on the great dead rivers of Cal.

On the coast of Oregon the beach sands invariably carry platinum and there are hundreds of mines now being worked. The deposits which consist of beach sand are 125 miles in length and can never be exhausted. The tailings or concentrations after the gold has been extracted by mercury are very rich in platinum; in one instance I obtained platinum from these tailings (which are thrown away) at the rate of 63 lbs per ton and I could well afford to pay the miners five hundred dollars per ton and ship to N.Y. via sailing vessel around Cape Horn. The miners look upon these concentrations as of no value and owing to the fact that the platinum is what is called flat platinum and which does not amalgamate they have no way to extract it except by the slow process of hand panning. In British Columbia and in various other places we have

found platinum in the placers; we have ascertained the fact that it would not be prudent to go into mining itself as that is a pursuit which requires experience and even with experience it is not always successful but that platinum can be bought from those already engaged in mining, and who have large sums invested. The platinum being like the coal tar of gas works, a residual product of small value to the miners but of great value to us. I feel convinced that contracts can be made with all the great hydraulic miners of Cala for their platinum product at a very low price provided that a method can be given them for extracting it without interfering with their gold operations which we can do. The Cherokee companies have expressed a willingness to enter into such a contract and think that 75¢ per oz would be a fair price. Feeling assured that we can obtain all the supplies required it becomes necessary so as to provide a steady market for these miners that refining works should be erected together with a small mill for extracting the platinum from the concentrations a small shop for forging, drawing and rolling the metal in shapes for the market and a Capital sum for purchasing the ore



To do this it will be necessary to form a stock company. The Capital should be not less than \$50,000 accessible to the par value.

The cost of refining works, shop and mill will be about \$18,000. The balance will be required for purchasing platinum, working, freights purchasing agent in California etc.

The profits can never be less than 20% on the money invested. I propose that the works be erected at Menlo Park, I will undertake to run the works on a small salary and will subscribe for \$5,000 of the stock myself believing that once we get these contracts and a trade established and perhaps a protection tariff that it will continue indefinitely to be a lucrative business.

1879. Mining - Platinum Search (D-79-028)

This folder contains documents relating to Edison's search for platinum to be used in his lamp filament. In the spring of 1879 Edison sent out a circular to the various mining regions, particularly in the West, requesting information about mines and asking for ore samples. Most of the replies were of a very routine nature, with correspondents providing information about mines, prospectors, and mine operators or sending samples of ores to be assayed by Edison's laboratory.

Edison also sent two agents, Frank McLaughlin and William E. Hidden, to locate potential sources of platinum in the western United States and Canada and in the southeastern states. There are numerous letters from McLaughlin and Hidden relating to their searches, as well as some items relating to their expenses. All of these documents have been filmed.

Approximately half of the remaining documents in this folder have been filmed because of the extensive marginal comments, many of them in Edison's hand, which indicate the interest that he took in these matters. Letters with no marginal notes or with routine marginalia (such as a request for additional information) have not been filmed.

Fusion A. S.  
April 3<sup>rd</sup> 1879

Professor Edison

Dear Sir:

In the "Graphic" of  
March 17<sup>th</sup> 1879 I see an account of your  
experiments with the electric light; and  
the comments made on said experiments  
by the English scientists especially Prof.  
Byrdall; who takes the ground that it  
will never replace gas from the fact  
that the materials used are too expensive,  
especially Iridium. My object in  
writing is to inform you that parties  
here have a mine of Iridium that I can  
control. There has been arranged  
by Prof. Rice of San Francisco, who states  
it carries a large percentage of Iridium,  
but that it had no practical value, being  
so scarce a metal, a few lbs supplied

the world. Should the discovery of this  
metal in large bodies, be of any value,  
I can be of service to you.

Should you see fit to answer  
this, address me at Tucson Arizona

Yours Respectfully  
William J. Rose.

Hoboken N.J. Aug 24  
Fred L. Foxford  
Ans'd Aug 27, 77

Prof. Edison, Esq.  
Menlo Park, N.J. (29)  
Hoboken N.J. 4/13, 1877.

Dear Sir,

I observe in the papers that you are looking for a supply of platinae. The following may be of use to you:

Already in 1877 miners in the Beach Hills found a metal neither gold nor silver, and could not make out what it was, but in January 78 it was ascertained to be platinae. Platinae had been found at that time in the East Branch, more and in the Prospect mine, both

both situated near the City  
creek, about half a mile  
from Leadwood, and running  
parallel. Platina has also  
been found in the Nainburg  
Bay, May and Breogo mines,  
situated in the Germanada  
district. Of the one of the  
last two mines assays have  
been made and the result was  
as follows:

May mine:

4.00 ounces Gold.  
1.50 " Platina  
7.50 " Silver.

Breogo mine:

1.13 ounces Gold  
1.78 " Platina.  
30.61 " Silver.

Being a close observer of  
everything relating to the  
Black Hills

and having read  
the Black Hills papers since  
two years I found the  
above is one of them, while  
about two months since I  
observed a notice to the  
effect that no platina had  
been found in the Black Hills.  
But, as formerly the mines  
were named and the above  
assays were given, I can  
with doubt but really here  
is platina in the Black Hills.  
I shall be glad if thy  
notice may prove useful  
to you.

Most respectfully,  
Yours  
Wm. Gerhard

very much interested in an acquaintance of the above -  
 I have of course no other information to give  
 promised to send you some information

San Francisco, Cal. May 1<sup>st</sup> 1879

Thos. A. Edison: Esq.  
Wood Park N.Y.

Dear Sir:

Now note of the 14<sup>th</sup> of April, received this morning and in answer I would state, that the mine of which I wrote about is located in the State of Nevada. My partner Gen. J. Gugin - who located the mine - & myself were indirectly interested in the sale of mining property in the Do Blanco district - to parties in Philadelphia, and hoped with the money realized from said sale, to be able to visit Nevada and send you the specimens required. Unfortunately, however, have been received that the sale is off: so we are thrown out of our calculation, and will have to wait until we make a little money, by sale or otherwise, before making the contemplated visit. No assay of the ore was made, both in San Francisco & Wash, with nearly the same results, and you can rest assured

that as soon as it is possible, we will  
forward you samples of the ore required.

Yours Respectfully,

Wm. J. Rose

P.S. In order to convince you of my sincerity  
in this matter, I would refer you to the  
War Department for my credentials, as a  
field officer of Connecticut Volunteers during  
the war, and as an officer of the regular  
army until 1875. I served as *Aid-de-camp*  
and Field Quartermaster to Genl. Crook, during  
the Apache war in this territory.

William J. Rose



THE EDISON ELECTRIC LIGHT CO.,  
5 BROAD STREET.

JOSEPH GLICK, Pres.  
R. M. GALLAGHER, V. Pres.  
E. T. SPANG, Treas.  
C. GODDARD, Secy.

New York,

May 2nd 1879

J. A. Edison Esq.  
Menlo Park.

My dear Edison

I have yours of yesterday's date in regard to platins. I wrote the day after Mr Henderson was out with me in regard to the California matter and shortly before that time my friend had written to Hayti to his brother there to procure samples of the ore there. I shall not neglect the matter and will give you the information as soon as I receive it.

Very truly yours

C. Goddard

J. W. WEXEL,  
13 BARCLAY STREET,  
P. O. Box 3112,  
NEW-YORK.

**WEXEL & DE GRESS,**

NEW-YORK, MEXICO, PERU AND CHILE.

Arms and Ammunition,

MILITARY EQUIPMENTS, &c.  
AMERICAN MACHINERY AND MANUFACTURES OF ALL KINDS.

F. DE GRESS,  
ARMERIA AMERICANA,  
1<sup>a</sup> DE PLATEROS, No. 5,  
MEXICO.

New York, May 3 1879

Prof. A. Edison  
Wenla Park

Dear Sir

Your esteemed favor of  
the 30 ultimo in which you  
asked us to investigate con-  
cerning platinum and iridium  
ores in Mexico came to hand.  
We have telegraphed to our  
house in Mexico to do so & we  
have also written to them  
particulars concerning  
the same by this mail, and  
so soon as we hear from  
them, shall communicate  
to you the result. Yours truly  
W. De Gress

# Montreal Telegraph Company,

District Superintendent's Office,

J. A. Carson Esq.  
Menlo Park N. J.

Quebec, May 6<sup>th</sup> 1877

Dear Sir yours of the 1<sup>st</sup> received -

Cold is found on the river Chaudiere, which empties into the Sagouine, seven miles above Quebec, and on several of its tributaries, principally the Gilbert and Famine rivers, fifty miles above here. The luggets, worth 700 and 900 \$, have been shown in the colts within the past two years -

Several companies have worked the mines at different times, but they have failed to make money, owing, it is said, to bad management. Mining by individuals is constantly carried on, though on a small scale, and seems to pay.

All English Company is now operating, and intends to go in for regular mining - the system so far pursued seems to have been chiefly "washing" in a primitive sort of a way -

Litigation between the Seigneur and the different companies also interfered with the profits -

If you wish any further information I shall be happy to furnish it, if within my power.

Yours truly  
Edwin Pope

FROM THE LABORATORY OF  
T. A. EDISON,  
MENLO PARK, N. J.  
U. S. A.

Dear Sir:

Would you be so kind as to inform me if the metal platinum occurs in your neighborhood? This metal as a rule, is found in scales associated with free gold, generally in placers.

If there is any in your vicinity, or if you can gain information from experienced miners as to localities where it can be found and will forward such information to my address I will consider it a special favor, as I shall require large quantities in my new system of Electric lighting.

An early reply to this circular will be greatly appreciated.

Very truly

Thomas A. Edison

Menlo Park,

N. J.

*Ben Homme Nat-5-789*  
*There has been no platinum found in this part of the Territory but I am informed that there is an abundance of it in the Black Hills, at least several miners have told me so yours A. J. C. open*

2

Wm G Ross

May 12, 79

Tucson.

Arizona Territory

Is there plenty of ore, forward copy assay.  
Is there platina with it, this more valuable to  
me use but little gold, ~~give~~ <sup>give probably amount</sup>  
~~could~~ <sup>could</sup> five men obtain per day, answer this  
by mail with full particulars,

Edison

J. S. D. A.

11 Am  
9, 1879.

Montreal Telegraph Company,

District Superintendent's Office,

Quebec, May 13 1879

J. A. Edinburg  
Minto Park A. J.

Dear Sir, I have spoken to several persons who have worked on the Chandiere; but they never looked for anything but gold, and did not know what platinum was like -

There is an active work at present, when it is resumed I will try to get some of the tailings and have them examined for platinum, or get positive information in some other way, and advise you

Yours truly  
Edwin Page

**Montreal Telegraph Company.**

District Superintendent's Office,

Quebec, 15 May 1879

J. A. Edison Esq  
Chenlo Patrick U.S.

Dear Sir, I enclose a letter from the  
Director of the Geol. Geological  
Survey, in reply to a request  
for information -

I think an offer to purchase  
Platinum at a certain price would  
cause the English Co. working  
the Chandlers to make a search.

They are arranging for a change  
of management, and I believe will  
do some very good work this season.

Yours truly  
Edison Esq



## GEOLOGICAL SURVEY OF CANADA.

(Museum and Office, 76 St. Gabriel Street, MONTREAL.)

44 May 1879  
 gmf = Get a box marked  
 Platinum & keep all  
 the correspondence  
 in it & find out their  
 localities = G

Dear Sir

In the accompanying  
 pamphlet\* you will see all we  
 know respecting the occurrence of  
 platinum in British Columbia.

In the Geology of Canada 1863 page  
 520, it is stated that "specimens of native  
 platinum have been found in small  
 quantities among the native gold of  
 the Riv. du Loup and also it is said  
 in other localities in the same region.  
 We have in the Museum a good  
 sample of the B. Columbia platinum

both I have not myself seen any  
 from the Chaudiere region. The R.  
 du Loup referred to is the upper  
 Branch of the Chaudiere. —

Yours truly

G. A. B. Clarke

Edwin Pease Esq.

Montreal Telegraph Co.

2nd Dep. Office, 2nd Ave.

## OTHER MINERALS.

\* Platinum.—Found in scales in association with gold on the Similkameen River.

\* Platinum.—In fine scales, with gold on the Tranquille River, Kamloops Lake.

\* Platinum.—On the Fraser River, ten miles below Lillooet, very fine scales of platinum found with gold.

\* Examine the  
 pamphlet —

British Columbia



FROM THE LABORATORY OF  
T. A. EDISON,  
MENLO PARK, N. J.  
U. S. A.

May 16, 79

Hon. Percival  
U. S. Land Office  
Lexington, N. Y.

Dear Sir Can you give me any  
information regarding the finding  
of metallic platinum in your  
locality? Such information  
will be of great interest to me  
and will be appreciated

Very truly,  
T. A. Edison

Assistant to Edison

May 30 - 79

No such discovery has  
been made.  
R. H. Moore

## House of Representatives,

Washington, D. C., 5-21-1879.

My dear

I sent you the  
Lindbergh map which is  
the only map of U.S. front-  
iers by U.S. - The Post Route  
maps show only Post Routes  
& are only yet made for  
a few states

No catalogue is issued of  
your books

I will stop sometime,  
soon mean to bore you, as I  
know visitors do! Hope in my  
S.P.D. let E.H. know early if you  
will be ~~out~~ ~~in~~ ~~the~~ ~~room~~ ~~with~~

1879

**SPECIAL TO CORRESPONDENTS.**

Clipping the copy large and verbal changes or errors on through this office. It is hoped that all correspondents will refer to the date of the paper written thereon, and so well to order in the *Friday Letter* on the left hand corner of their sheets, which represents the date of the issue of the paper. It is yearly will not be answered, as our business employees edit also notices in one, and when received here would be without consideration difficulty, hard to place where it would rightfully belong. Use a little care in this matter and you will be fully repaid by immediate replies.

- CLASS OF BUSINESS DONE IN EACH, HERE PARTIALLY EXHAUSTED.**
- A** Attends to the purchasing of "Soldiers" Additional Homesteads under Section 2262 U. S. News others.
  - B** Attends to the redemption of any claim against any State or United States, for Bounty Pension, Bounty Land Warrants or other claims.
  - C** Represents or makes explanations of lands, or other property, in any part of the United States or Canada. Also handles Patent Rights and Government Tracts land acts; buys all classes of magazine paper, and Land Bids, makes loans, Collections a Specialty.
  - D** Replies to all miscellaneous questions not in a regular line of any of the other divisions.
  - E** Conducts Agricultural Land, Site and Town Sites claims a specialty, also tax titles and all other classes of long-term titled property here closed up and perfect title obtained.
  - F** Supplies Department, with Newspaper men, Politicians, Business and Paper-Makers choice.
  - G** Obtains Prizes for a reasonable fee, or if inventors appears satisfactory, will make advances for a share of the invention.
  - H** The leading officials from whom all sales are made of any products, and any thing new in way of inventions, schemes, etc.



**D. H. TALBOT,**

**General Land, Scrips Warrant Broker**

**Will buy Anything and Sell Everything, Make Loans, and Advise us to best Opportunities for Investments.**

Cooperative Agents in all parts of the United States, With Whom we have Constant Communication. Correspondence from all Sections Solicited.

In reply to yours of 1879

Siana City, Iowa May 27 1879

Thos A. Garrison Esq  
Mills Park N. J.

Dr Sir Arriving home a few days ago and business being so pushing I could not sooner send the list of names of parties who I am, and have dealt with to some extent and who I think are all right and will respond promptly to your questions concerning the localities where Platina can be found and possibility of working mines of this character. A few of the names I gave you before but will give you their addresses again with the rest.

- 1) W. B. Moore Walla Walla W. T.
- 2) W. D. Scott Port Sauble W. T.
- 3) C. L. M. Draper Shasta Cal.
- 4) L. B. Dyer Marysville Cal
- 5) G. W. Kimball Roseburgh Oreg
- 6) Geo R. Wheat 512 Cal St San Francisco Cal
- 7) J. K. Holliman Eureka Humboldt Co Cal

- 8 Miles Barber & Boyer Bausen Walla Walla W. I.  
 (9) " " Draper & Jewett " Mayville Cal  
 (10) " " First Nat'l Bank " Portland Oreg  
 (11) " " French & Co " Dallas Oreg  
 (12) " " D.O. Mill yes " Sacramento Cal  
 (13) " " Farmers Fair Bank " Zenith Cal  
 (14) " " Colusa County Bank " Colusa Cal  
 (15) " " Mrs. Kelly " Lower Lake Lake Lake Cal  
 (16) " " First Nat. Bank Colorado Springs, Colo.  
 (17) " " Donnell Clark & Larabell " Butte Mont.  
 (18) " " Missoula Nat Bank " Missoula Mont.  
 (19) " " Hon Register U.S. L.O. " Lake City Colo  
 (20) " " First Nat Bank " Pueblo Colo.  
 (21) " " Hon Register U.S. L.O. " Los Angeles Cal  
 (22) " " Hon Register U.S. L.O. " Del Norte Colo  
 (23) " " Hon Register U.S. L.O. " Susanville Cal  
 (24) " " Carson City Sav. Bank " Carson Nev  
 (25) " " Hon Register U.S. L.O. " Boise City I.D.  
 (26) " " The Register U.S. L.O. " Lewiston Idaho I.  
 (27) " " Hon Register U.S. L.O. " Olympia W. I.  
 (28) " " Hon Register U.S. L.O. " Lakeview Oreg  
 (29) " " Hon Columbus Walker " Fort Lake City Utah  
 (30) " " A.C. Pierce " Lewiston Idaho I.  
 (31) " " Wm Jinger " Denver Colo  
 (32) " " Geo. H. Smith " Mayville Cal  
 (33) " " " " " Fort Custer Mont.

The above is a list, and I think that by correspond-  
 ing with them you can gain considerable in-  
 formation on the subject referred to. I have  
 dropped the parties (each of them) a line stating  
 as having referred their name to you etc.  
 I can probably find you some more names in  
 a few days with regard to this, after looking up  
 all as carefully wishing you success in your  
 undertaking I am  
 Yours Respectfully  
 O. J. Talbot

P.S. Please advise me where I can  
 obtain the telephone to attach to a telephon. I want this for a  
 bank of mine here, please advise cost etc. of best model man-  
 to be had as low as possible. Write now up regarding this

Slated for review by  
 J. H. Talbot  
 1/10/1907

Montreal

May 23<sup>rd</sup> 79

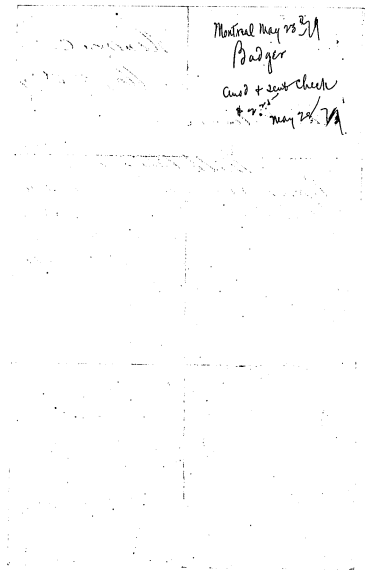
Dear Edison

With this I send  
"Report for 1871-72" and a  
Catalogue. The work on  
Mancauer's Island I am not  
obtain here but I can get  
a work as per enclosed title  
which I will forward on  
your advice.

Anything further to serve  
you will be cheerfully  
attended to.

Very truly yrs.

J. H. Badger



Montreal May 23<sup>rd</sup> 51

Badger

and sent check

to May 24<sup>th</sup> 51

United States Mint, Carson, Nevada,  
SUPERINTENDENT'S OFFICE,

May 24<sup>th</sup> 1879.

Prof. T. A. Edison,  
Menlo Park, N. J.

Dear Sir:

I am in receipt of your letter of  
14<sup>th</sup> inst. relative to the Platinum pro-  
duct of <sup>the</sup> State. -

I can assure you, almost positively, that  
none has ever been found in this State;  
not even a trace of the metal being discov-  
ered in our Gold <sup>and</sup> Silver. -

While mining in Plumas County, Cali-  
fornia, many years ago, I found a goodly  
number of Platinum nuggets; but whether  
any special attention has been given to  
the gathering of this metal, I am unable  
to say. -

United States Mint, Carson, Nevada,

SUPERINTENDENT'S OFFICE,

187

I will communicate with friends  
in relation to this matter, and also write to  
Bodio, Mono Co., Cal., to secure what infor-  
-mation I can for you.

I shall report the result of my investi-  
-gations at as early a day as possible. -

Very Respectfully,  
James Crawford  
Supt.



The Washoe Club.

Virginia, Nov. May 26<sup>th</sup> 1879

J. A. Edison Esq.  
Mr. Edison  
N. J.

Dear Sir:

Your offer of \$1000  
I both was duly read & in accordance  
with your request I inquired from  
all our leading mining experts  
about platinum, without success  
however as there are no mines  
on this coast where it is found.  
worked. so far as I can learn.

Very Truly

W. J. Washoe

Washoe Club

We are watching with interest your progress  
in Electric Light.

Warm Springs N.Y.  
H.R. Jones  
Post Office  
Cent. Circuit

Warm Springs N.Y. - Ter-  
May 24 1879

Prof Edison

Dear Sir

Young of April 29 is  
recd. In regard to the one  
I will say that you may  
expect it in the same  
mail with this letter  
It will be mailed at Rawlens  
by my Partner Mr. W. Hancock  
and he will probably write  
you in regard to it -

If you want any thing  
from this part of the country  
say so and I will do the  
best for you that I can

Went out on a hunt with  
two Laramie men the other  
day was <sup>out</sup> ~~gone~~ only one night

and we got three Elk  
You know this is a first  
class game and fish  
country and pleasure seekers  
can't do better than come  
here If you know of  
any sports who would like  
to take animals or  
scenery sketches tell  
them that I will go  
to the Big Canon of  
the Colorado & Bear  
River Canon - Cache-La-  
Poudre Lake or any other  
place they prefer and  
will guarantee satisfaction  
beside being reasonable in  
my charges. Care accommo-  
dation as their guides at  
the same time with reliable  
guides Let any of them  
call we come we thrive

Please Water is  
falling now and by the  
time they get above will  
be low enough to feed any  
of the streams I know  
where better Trout fishing  
is than the Battle Creek  
Lake. That is far larger  
fish and I am sure  
that is good enough  
If you know of any one  
who wishes to invest in  
a Good Silver Mine  
refer them to me and  
I will send samples of  
mine and description of our  
mine We are working  
on it a little now but  
not as heavy as would like  
to Hoping to hear from you  
again I remain Your very truly  
H. R. Bond

 The American Journal of Science and Arts,

JAMES D. A. E. S. DANA, PROPRIETORS.

New Haven, Ct. May 29 1879

Mr Edison -

My dear Sir  
I do not  
know of any locality  
of platinum in North  
America excepting those  
you mention.

Yours truly  
James D. Dana

Received by the printer - some pamphlets, see  
other - undoubtedly can be found  
in New Haven

Recd May 30<sup>th</sup> 1879.

J. P. Edison Esq.  
Mentz Park.  
New York.

Dear Sir  
On my return from an  
extended trip. from the U. S.  
I find your favor of 15<sup>th</sup> inst. recd  
in reply beg to say that this is the  
first hear of platinum being  
found in this state. I am afraid it  
is like the reported mountain of  
Salpêtre bonilla &c. of the Crystal Peak  
(which would be about in Ohio) on the  
height of which a D. V. powder agent  
gave out all the way from D. V. New-  
York I shall keep your words in mind,  
entertain strong doubts to its accuracy  
though. Our papers heard nothing of it.

Yours truly  
Charles Colver

Washington Mill  
Casting and Sampling Works  
Elmsted, Ballou & Co.  
Proprs in Silver & Lead Co.  
Georgetown, West Va. Co. Va.

Lake County Mill  
Casting and Sampling Works  
Gilligan, Ballou & Co.  
Proprs in Silver & Lead Co.  
Leadville, Lake Co. Col.

Silver Mine Mill  
Casting and Sampling Works  
Wicks of Silver Mine  
Franklin, Ballou & Co.  
Georgetown, West Va. Co. Va.

Leadville, Col. May 30<sup>th</sup> 1879

Mr Thomas A. Edison,  
Menlo Park, N. J.

Dear Sir:-

In reply to yr circular I have to say  
that platinum occurs in Summit Co. of this State  
but in such exceedingly small quantities as not  
to be worth considering. I have never heard of  
its being found in other localities in Colorado.

Very respectfully,  
Franklin Ballou.

Franklin Ballou  
is it - vein or alluvial  
deposits

Laboratory of  
Thomas A. Edison

Menlo Park, N.J.

May 30<sup>th</sup> 1879

Post Master  
Cherokee Cal  
Dear Sir,

I have heard and read that platinum and iridium are found in the alluvial sands of South Ca and as the matter is of great interest to me I write you for information regarding the same. If you do not possess the information please write and give me the names of parties who would be most likely to know. I desire to know if these metals exist in sufficient quantity to pay for working the sand: an early reply will be greatly appreciated

Very Truly  
T. A. Edison  
→



Thomas A Edison

Dear Sir

cannot give the desired information Refer you to  
Law Glas Esq Beet Springvale  
mining & engineering Co

Cherokee Butte Co  
Cal

Respectfully R. C. Barber  
P M

Cherokee Butte June 7/78

R. C. Barber

Wrote to inventor added  
June 18 1878

Virginia City, Jan 1 - 1889.

Friend Crawford - You  
may say to Professor  
Edison, that no deposit  
of Platinum have been  
discovered in Nevada.  
In the gold placers  
of California small  
quantities of Platinum  
are occasionally found  
with the gold, and  
in Santa Clara County,  
California, in an  
indurated schistose  
rock, there is a  
narrow seam of  
talc in which crystals  
of Platinum are  
freely distributed,  
but the surrounding  
rocks are very hard.



rendering the extraction  
of the Platinum  
expensive. The  
Santa Clara deposit  
is the only spot  
on this coast, so  
far as I am aware,  
where Platinum  
occurs in place.

Yours truly  
W. F. Stewart.

Write direct to him saying  
better refined than any  
he has seen and give exact  
location of this lode, as there are  
one lode.

It is not  
any  
more  
than  
a  
few  
days  
ago  
I  
was  
in  
the  
city  
of  
San  
Francisco

San Francisco  
California  
July 10th 1850

Blank No. 1.

# THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS all TELEGRAMS messages only on condition, limiting its liability, which have been accepted by the sender of the following: (1) That the sender of the message certifies to the receiving station for transmission, and the Operator at the receiving station certifies to the sending station, that the message is correct in its contents and in its transmission, and that the Operator at the receiving station certifies to the sending station, that the message is correct in its contents and in its transmission, and that the Operator at the receiving station certifies to the sending station, that the message is correct in its contents and in its transmission.

A. R. BREWER, Secy.

WILLIAM ORTON, Pres't.

Dated Riverside June 1<sup>st</sup> 1879

Received at St. Louis

Meulo Park

READ THE NOTICE AT THE TOP.

Arrived from Riverside deloup

Express and letter tomorrow

then start for Chandevise

McLaughlin

St Louis Hotel

13 feet  
via New York

W

OFFICE OF

H. C. Hoop,

Walla Walla, W. T.

Walla Walla, W. T. June 1st 1879

Prof. D. C. Eder  
Menlo Park, N. J.

Dear Sir

Replying to your inquiry relative to existence & supply of "Oxalate Platinum" in this region - regret to say I cannot at present give you any definite information. That it does exist in the mines of Northern Idaho - there is no doubt - but whether it has ever been found in quantities that would pay for mining is not known to any one with whom I have conversed.

Deayers and Lechen in Belgium, and gold dust men here tell me that the miners of Northern B. C. and of Northern Idaho often find it in conjunction with gold in grain when washing for the latter - and that lots of gold have sometimes been offered for sale containing so large a per centage of Platinum, as to constitute an impurity to it - and they have refused to purchase for this reason. I have published a request in our local paper - that any one having knowledge of Platinum deposits - communicate with me and if any useful information is elicited - no time will be lost in obtaining some of the fact. Meanwhile if you could

OFFICE OF  
H. C. Moore,  
Walla Walla, W. T.

Walla Walla, W. T. .... 18

gives one an idea of its commercial value - it might serve  
as stimulus in inducing miners to prospect for it.

In reading accounts of your various inventions which appear  
from time to time in the periodicals, note that mica is used to  
some extent in many of them. Some years since a remarkable  
deposit of this substance was discovered by a gentleman residing  
here - For some reason it has never been worked. How is the  
supply of this article? Possibly it could be furnished you for less  
cost from here than elsewhere.

Regretting that the information asked for could not be more  
definitely given - I remain

Very Respectfully,  
H. C. Moore

St. Louis Hotel, Quebec.

June 1, 1879.

Friend Edison:

I left N. Y. May 26th. on the 6 P.M. train for Montreal via N. Y. C. T. & H. and reached Montreal 10 A.M. 27th. I called at the Geological Museum to see Prof. Delwyn but found that he was away. I read up the works and Reports you marked out in the "List of Publications" but found no mention of Pt. except in two cases. The train for Quebec left at 4 P.M. but anxious to see Dr. Harrington, Mineralogist of the Museum, I laid over until the next day when I had an interview with him - he very kindly gave me much information about the Gold, Silver, Copper, & regions of Canada, particularly what he knew about the Rivière du Loup, the Chaudière and the Rivière du Loup above -

I was very guarded in my questions about Pt. but found out all that he knew about it - he ridiculed the idea of its being overlooked in any region yet known or worked, for Minerals in Canada, or that it was ever found except in minute particles in extended assays.

In the Museum, which is very rich in specimens procured from the survey of over 10,000 square miles of territory, the only specimen of Pt. is a saucer full brought from the Similkameen River, British Columbia, it is very pure. the gentleman who brought it had no difficulty in getting it - the miners on this River, in fact, throw it away -

On the 28<sup>th</sup>. at 4 P.M. I started for Quebec and arrived here at 12 o'clock. The next day I devoted to finding out all that I could of the Country above and below. Through the kindness of Mr. Harris of the N.D.R.R. Co. an old friend, whom I luckily met here, I was introduced to Mr. Foshey, Deputy Commissioner of Crown Lands, who will secure me a good reception and extensive information from the "habitants" down the Chaudière country by giving me letters to Mr. Chas. de Ley, the head Deignor and others. the "habitants" are very shy of Strangers so that this is a big thing for me.

I started for the Riviere du Loup below at 7 A.M. May 30<sup>th</sup>. and reached Du Loup at 1 o'clock. The Country is literally covered with boulders and rock debris but being inhabited exclusively by the "habitants" every part is cultivated. In all the fields are piled large stacks of boulders from egg size to those weighing a ton - generally rounded and water worn. I broke and examined large numbers and found them either of the clay-slate or a kind of granite. specimens 1, 2, 3, 4, 5. are from boulders in a stretch of about 70 mile of country and show the average formation.

The banks of the Rivers and creeks below the mould (mould 1 to 2 feet) are invariably clay-slate. see specimen 10. the beds are about the same

formation - see envelope A. From Du Loup I drove about 15 miles N. to a small River: St. Honorie, which was once worked for gold. I washed 10 pans of the River dirt & but with no results. Specimens marked B. are from River bed. The banks are clay-slate but a streak of rock crops out - see specimens marked G. which are from this streak. Specimens 7-8: are from boulders in the River. No. 8. was from a dark yellow colored boulder the only one of the kind I have seen. At night and in the morning I had a long talk with some of the habitants who had mined but returned to farming. One of them had sunk a shaft some 30 feet through the Rock, 30 miles North of St. Paschal, but had now abandoned it - he gave me specimens marked Neg.

The banks and bed of this Riviere du Loup are all clay-slate. see No. 10. River bed. envelope A. This clay-slate runs in layers from 1/4 inch to a foot thick. at Du Loup the banks are about 150-200 feet high. I left Du Loup on 30<sup>th</sup> and reached here some night.

Tomorrow. June 2. I call on Mr. Foshey, get my letter of introduction then start down the Chaudiere and upper Du Loup - and if Pt. is on or about these rivers I shall find it - or bust. It is in the sands of this Riviere du Loup that Pt. was found by assay. see Geological Reports, Montreal Museum, 1853-56. page 371. I will be back to Quebec from this trip about Sat. 7<sup>th</sup> and hope to have a letter here from you.

(4.)

I have read up, talked, and inquired at every opportunity and am more than ever convinced that Pt. is to be found on this continent - but since I have seen how thoroughly this country is surveyed and examined by Govt, Engineers, Geologists and Mineralogists, the great length of ~~time~~ the country is occupied and known, so different from our Western States and Territory, the extensive assays that are made of all known mineral discoveries &c &c the more am I convinced that was Pt. ever to be found in quantities here, it would have been discovered long ago.

Hoping that all goes well with you and that I shall find a letter from you on my return here, I am,

Yours  
James M. Caylin

Please remember me to Bach. and Jeff.



Monday, June 2. 79.  
St. Louis Hotel.

Friend Edison:

I'm in dead luck - yesterday I went to Church like a good boy and it seems Mr. Foskey saw me there and was so pleased at the idea of an American Catholic that he just now brought Mons. St. Ange, the owner of the richest find on the Touffe de Pins or Gilbert River, a small branch of the Chaudière, to the hotel and introduced us. Mr. St. Ange showed me a bag (\$3000 worth) of the purest gold I have ever seen, this amount was washed out in 4 days = If you could realize the distrust and dislike of English speaking people felt by the old French habitants you would give me credit for a ten strike in reaching this old gent. I am to accompany him to St. Francois tomorrow (I intended to start Chaudièrewards to day) and he is going to put me through. If I'm to find Pt. I can find it through him - or his friends - so I consider that I'm in a streak of luck.

Mr. Foskey is sure that no one in the Chaudière country can help me in information for my book ("Resources of the American Continent" which I am now writing - do you tumble?) better than Mr. St. Ange.

Yours.

Frank M. Laughlin

Newport R.I. June 2<sup>nd</sup> / 29

Worcester G. Gibbs  
No. 1000

Thomas W. Edison

Dear Sir,

In reply to your friendly letter I have

to say

1<sup>st</sup> I have few localities like that there  
you mention.

2<sup>nd</sup> There is no plant to any extent of delicacy  
pleasure in dining in such a res. The best  
wickets have always been found in good  
ground houses in such places. Pumpkins &c  
they are cultivated but not in the best  
and be defined as 3 equal parts but not  
skillful & experienced elements can best for

vidium which is insoluble in acids.  
Aluminum is obtained in a highly pure  
condition in the mineral kingdom & may  
be purified & prepared about as well as  
could be procured elsewhere.  
Quartz is usually got at found from  
the examination obtained at the Mines  
in refining field. This is sold to the field for  
making of quartz to form but they get but  
a small percentage of quartz fit for their  
use and what they cannot use they  
sell. I have often bought that material  
at \$1.00 per ton & sometimes for less.  
Provided that in a amount of quartz to  
be used for the mine is a little more

and will be a very fine one account of the quality of mine  
& the amount of the ore & the proportion. The more quartz the  
higher the purity will give a higher percentage of pure material.  
The whole purity requires the preparation of a good chemical  
preparation with the quartz. It is also well to keep in account quartz  
of the best quality.  
I would really know more about the quality of the ore in any way. I would  
be sure that the quartz is the best and any amount of quartz  
you can count the quartz. I am pretty confident in your ability

light and shall be pleased should if  
you can send me description when they  
are published. In particular I should  
like to know how your turning-forks  
magnet-electric machine works in practice  
on the large scale.

Very truly Yours

W. S. G. Gals

Thomas A. Edison

My address is Newark N. J. where

I reside in summer.

GEO. P. ROWELL & CO'S  
Newspaper Advertising Bureau,  
10 SPRUCE STREET,

Printing House Square,

Opposite Tribune Building

Am. Ind. June 2, 1877

J. N. Edison, Esq.  
Waukegan, Ill.

Dear Sir:

We have  
your favor of the 20th. ult.  
The Pacific Coast Corp.  
- creative list has increased  
and they now claim 90  
pages. Their price for  
a one inch ad. for  
reading matter for two  
months is \$1.75.

The price of the American  
Newspaper Directory is five  
dollars per copy. A new  
edition has just been issued,  
awaiting your commands,  
we are,

Yours, A. P. S.  
Geo. P. Rowell & Co.

My Jan 24

Mr. Howell to

and I am sent  
to be chief for  
new newspaper  
direction

*[The following text is extremely faint and largely illegible due to bleed-through from the reverse side of the page. It appears to be a letter or a set of notes.]*

Laboratory of  
Thomas A. Edison  
Menlo Park, N.J.

June 3<sup>d</sup> 1879

Dear Sir

Has there ever been a geological  
survey made of the State of Mo and  
if so where can a copy be obtained?  
an early reply will be greatly  
appreciated

Very truly  
Yours  
T. A. Edison

Sir  
You may obtain a copy by addressing  
Professor Broadhead St Louis Mo, care  
Geo O Broadhead, atty at Law

Respectfully

M. K. M. Grath

Per 711

Jeff City Mo June 6-74  
W K McVane  
Wrote Pop Broadhead  
St Louis June 7, 74



Laboratory of  
Thomas A. Edison  
Menlo Park, N.J.

June 3<sup>d</sup> 1879

Dear Sir

Has there ever been a geological  
survey of Minnesota and if so where  
can a copy be obtained? an early reply  
will be greatly appreciated.

Very Truly,  
T. A. Edison

Address Prof. N. K. Mitchell  
State University  
Minneapolis  
Minn.

Address  
Prof N H Winchell  
Minneapolis  
Min

wrote him June 30<sup>th</sup>  
asking whether  
proceed last party  
of Minn



State of Connecticut  
COMPTROLLERS OFFICE

Hartford June 4<sup>th</sup> 1879.

Dear Sir -

Your letter of Enquiry is received to day -

A Report on Mineralogy was made in 1837, by Prof. D. W. Shepard, - and a

Report on Geology, by W. P. Cressal, in 1842.

Both of them are now very scarce, but if an opportunity offers, to procure one or both of them, we will not forget your request. -

Very truly Yours,

Chauncey Howard.

Mr. J. A. Edison,  
Menlo Park, New Jersey.

Waggonia

Bonchen Co. Col.

June 4<sup>th</sup> 1879

Thos. E. Edson

Windsor Park

Ch. J.

What price  
can be had  
over

Dr. Sir:

In reply to your favor  
of the 29<sup>th</sup> ult. I will say that  
tellurium is not found  
in this locality unless accompa-  
nied with gold.

The Haystack Mine produces a  
large amt. of tellurium with  
a less amt. or fr. of gold &  
silver than any within my  
knowledge - yet shows abundance  
of soft very small quantities  
in a crystallized state.

I enclose a small specimen  
probably having at small fr. of  
of gold & silver or any to be  
found in this locality. over

A. C. S.

Very truly yours  
H. Coan

Magno's  
H. Coan  
and family

The Mint of the United States at San Francisco, Cal.,

SUPERINTENDENT'S OFFICE.

June 11, 1879.

T. A. Edison, Esq.,  
Menlo Park, N. J.  
Dear Sir:

In reply to yours of the 26<sup>th</sup> ult I would state that no deposit of Platinum has yet been discovered on this coast, but the metal has been met with in the Osmium and Iridium in the placer mines of Oregon and northern California.

Professor Price, of this city, informs me that he had a sample from some of the sand washings near Trinidad, a short time ago, but the quantity was

very small. He expects more  
shortly, and has promised to  
let me have some which I  
will take pleasure in forward-  
ing to your address.

Very truly yours,  
H. L. Dodge  
Supt.

State of West Virginia  
Auditors Office

Joseph P. Miller  
Auditor

Wheeling, June 5 1879

Thomas A. Edison Esq,  
Menlo Park N.J.

Dear Sir:

In reply to your  
letter addressed to the Chairman of the  
Committee on Printing which was referred  
to me I have to say that there has  
never been a Geological survey of this  
State.

Very Truly  
Yours  
Joseph P. Miller  
Auditor





State of Maine  
Office of Secretary of State

Augusta, June 5 1879

T. A. Edison

Dear Sir

I forward, by this mail, a copy of  
report on Nat. History and Geology of  
the State, made in 1863. The State.

Hoping that it may be of use

I am,

Yours  
C. H. Cove  
Secy of State

OFFICE OF

SECRETARY OF STATE,

STATE OF LOUISIANA.

New Orleans, June 6<sup>th</sup> 1879

Thos A Edison Esq

Dear Sir

Yours of the third inst  
to hand contents noted I send you today the only published  
matter on the subject is the Report of the State Assembly  
Hoping the same may be the matter desired

I am Very Truly Yours  
Wm. A. Strong  
Secretary of State

◇



# State of Wisconsin

SECRETARY'S OFFICE

Madison June 6, 1879.

Dear Sir:

In reply to your letter of June 3rd. I have the pleasure to inform you that a biological survey of Wisconsin has just been completed and that the report is in course of publication. One volume (Vol. 2.) and the accompanying atlas are now ready for distribution, copies of which I have pleasure in sending to you per to-day's express.

The other volumes will not be printed for some months, but when they are, I think you can procure them by renewing your request to the Governor.

Very truly yours,  
Frank H. Coker

Asst. Secretary of State

Car. Thos. A. Edison  
Crescent Park.  
N. Y.

STATE OF IOWA.  
Office of  
Secretary of State.

Des Moines, June 6<sup>th</sup> 1879

Thos. A Edison  
Mould Park

Dear Sir: Yours  
received. You can get copy of Iowa  
Biological Reports from Mills & Co  
Des Moines, Iowa. Would take  
pleasure in forwarding you copy  
but for the fact that all are now  
in possession of the State except  
in Library.

Very truly yours  
J. A. Hull  
Sec. of State

DeMoiner Iowa  
June 6, 71

• JATHull

Wrote Millard to Jones 10/71  
asking price for left



— KANSAS —  
**PUBLISHING HOUSE**

— GEO. W. MARTIN, PROPRIETOR. —

Depeche, Kans., June 6 1877.

Thos. A. Edison  
Menlo Park, N. J.

Dear Sir =

In response to yours of June  
3d - G. C. Swallow made a Geological Report  
for Kansas, in 1858, B. F. Mudge made one  
for 1864, and G. C. Swallow made one for  
1866. These Reports are not to be had here. I  
obtained copies from Robert Clark Esq, Cincinnati  
they were in Clark's collection a few months ago.

Yours for Geo. W. Martin



OFFICE OF  
Secretary of State.



STATE PRINTING OFFICE,  
10 N. BROADWAY, N. Y.

Little Rock, Ark., June 6, 1879.

Thos. A. Edison, Esq.,  
Menlo Park, N. J.  
Dear Sir - Yours of 3d inst.  
to chairman Pointing Committee, in  
the absence of legislation, has been  
handed me for acknowledgment.  
Two reports by Prof. Daniel Dale Owen  
have been printed, but the edition  
for distribution has been long ex-  
pected. - Fortunately, I can sup-  
ply you with a spare copy, which  
I send you by mail, feeling assured  
it will be as good hands. - I have  
of an other extended work on our mi-  
neral resources. - Many years ago Prof.  
W. Byron Powell, (of Louisiana,)  
made a survey of the Fourche  
basin, in Palmetto County, a re-





I will use every possible effort  
to procure & send you any work  
or information you may need  
from this quarter, on request.

Very truly & sincerely,  
W. E. Woodruff, Jr.

P.S. I have seen in the newspapers  
that you have something in hand for  
the relief of deaf people; for God's  
sake hurry it up if you have. -  
The thanks of that numerous class  
would help you a days march  
towards the presidency, if you  
succeed, & we believe you  
can if you try.

W.

ESTABLISHED 1861.

# DAILY PRESS AND DAKOTAAN

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MONEY SENT IN DRAFT, MONEY ORDER OR REGISTERED LETTER, AT OUR RISK.

YANKTON, DAKOTA June 7 1879.

Dr A Edison

Minneapolis

In Reply to yours of 3<sup>d</sup> -

We have no reports of geological  
excursions of Dakota - Do not  
think Govt has ever made  
one. We can get considerable  
information from Hayden's reports  
to Phil Nat Academy of Scienc<sup>s</sup> 1869  
or Smithsonian Institute about same  
time. St Vroman's Black Hills expedition  
1854 - was Dept of Interior  
- his office to War Dept since 1865.

Yours

Brown Kingsley



State of Indiana,

Office of John Collett, Chief of the

**DEPARTMENT OF STATISTICS & GEOLOGY**

Indianapolis Ind. 6-7-1879

Office of Collett

Dear Sir

Your 3<sup>rd</sup> list rec<sup>d</sup>  
inquiring for copy of U.S. Geol.  
Reports.

At my request the State  
Lithuanian will forward  
as complete a set as possible  
(starting Vol 1-1869) to  
you a care of New York  
N.Y.

Respectfully  
John Collett  
Chf. of Stat & Geol.

This Dept. will always thankfully  
accept Scientific publications  
in exchange. C.

Quincy, California  
June 7<sup>th</sup> 1879

Hon James Crawford -  
Supt. U.S. Mint at  
Casper N.M.

My dear Sir,

Yours of the  
30<sup>th</sup> ult. was rec<sup>d</sup>  
some days ago - Since  
its receipt I have  
made a number of  
inquiries from the  
miners of this vicini-  
ty in relation to plat-  
inum - I find that a  
number of them are  
of the opinion that the  
metal exists in more  
or less quantities in  
various mining  
sections in Plumas -  
but, as they have not

no way regarded it as val-  
ueless, they have never  
saved any of it -

If I should hereafter  
learn of any quantity  
being found in this  
vicinity, I will inform  
you of the fact -

I have requested a  
number of our miners,  
should they discover  
any, to bring it to me -  
and if they do I will  
forward it to you -

I remain  
very respectfully  
yours

E. J. Hagan

Write my letter referred to me  
for whom information is being obtained  
May have used block sand from  
several sources in California all  
contain platinum & iridosmine  
~~some~~ some more or other less,  
Ask him if we ~~found~~ ~~method~~  
He thinks the hydraulic miners  
would sell their block sand  
for nominal sum after gold  
has been extracted, if they would  
this would undoubtedly give  
us all the crude metal we  
desire, would he give us  
an idea of how much gold  
is extracted from a barrel  
of block sand, in an average  
hydraulic claim, what  
we desire is to get some idea  
of the amount of block sand  
accumulated per 100 dollars in  
gold

Quincy Cal June 7 74  
Hon S. H. Houghton  
Ames June 30 74

We find that a large part of  
the platinum metals is in  
the grains of sand themselves  
& only obtainable by  
crushing. We send <sup>3</sup> cards

The platinum is from Cherokee  
the Iridium from  
Rogue River Oregon

Wm. D. S. Houghton  
Platinum Co.  
Calif.

Geo. S. Ladd, President.  
Jan. Gamble, Vice President.

M. Greenwood, Treasurer.  
Jno. I. Sabin, Superintendent.

# Gold and Stock Telegraph Co.

Of California.

OFFICE, No. 222 SANSOME STREET,

San Francisco, *7 June*, 1879.

*T. A. Edison, Esq.,  
Menlo Park, N. J.,*

*Dear Sir:*

*In reply to your favor of 26. ult. I enclose  
list of assayers as requested,*

*Yours truly,*

*Geo. S. Ladd,  
President.  
J. S. 1879.*



Thomas Price 524 Sacramento st

F. Burton 460 527 Clay, st.

Richey, William & Co. 32 Merchant Exchange.

Kalman & Reese. Safe Deposit Bldg

California Assay Office 47 Merchant Exchange.

Samuel Bank 216 Sansome st

Henry S. Hanks. 619 Montgomery

Kuhn Thuchardt 21 First st.

Knot & Osborn 237 First st.

Leopold Kuhl 611 Commercial

Eugene McLeary 436 Kearny.

J. Mosheimer 507 Montgomery st

August Mathey 116 Seideshoff.

Pac Refinery & Bullion Exchange 416 Montgomery

J. S. Phillips 504 Washington st

E. Reichling & Co. 400 Montgomery

Riehn, Kemmerle & Co. 404 "

Wm R. Shaw 437 Casey





# State of Colorado,

Secretary's Office,

Denver, June 9<sup>th</sup> 1879.

To Thomas A. Edison

Woods Park, N. J.

Sir: I have the honor to inform you that a pretty complete geological survey accompanied by color-  
anous maps has been made by Prof. R. D. Hayden  
U. S. Geologist and can be procured by applica-  
tion to Clarence King Chief of Geological Survey  
Dept. of Interior, Washington

the receipt of which you will please acknowledge.

I have the honor to be, Sir,

Respectfully Yours,

James M. Gallegos  
Secretary of State.

J. M. Gallegos



Tallahassee, Fla. June 9<sup>th</sup> 1879

Dear Sir,

In reply to your  
query of the 9<sup>th</sup> Inst. have to say  
that there has never been a biological  
survey made of the State of Florida  
by the State authorities. And there is  
no biological maps or reports to be  
had in the State Library. The latest  
information of the character you desire,  
will be found in the Census of 1870.

Respectfully  
Wm F Drew  
Sr

To  
Hon Thomas A Edison  
Menlo Park.

Oakland Or June 9, 77  
Ed. Moore

Wrote him long letter  
asked for samples  
told him wild about  
if any dif weights  
over + & + &

Oakland Or June 9, 77

Mrs. Miles C. Moore,  
Walla Walla W. S.

Dear Sir

Seeing a statement in the  
Douglas Independent, which I  
enclose, I will give you a statem-  
ent concerning the Bellium  
mine situate in Douglas Co, Or,  
near Canyonville. We have a  
shaft ad the main ledge 50 ft  
deep, in this shaft we find  
the ledge to contain Silver,  
Copper, Platinum, and Tellurium  
on account of the great quantity  
of water we were compelled to  
abandon the shaft and start  
a tunnel, which is now 450 ft  
deep, long and the forward

Boxland Or June 9 77  
Ed Chase

wrote him long letter  
asked for samples  
told him wd help him  
if any dif weights  
ones + c

Mr. Edison, the inventor of the electric light, has written to Mr. Miles G. Moore, of this city, says the Walla Walla Union, for information in reference to the discovery of any mines or deposits of platinum in any of the mines of Craig, Idaho, Montana, or British Columbia. Any person possessing knowledge of the kind that is desired would confer a favor upon Mr. Edison by corresponding with Mr. Moore, and at the same time would aid in the development of science and possibly result in pecuniary profit to the informant.

Boxland Or June 9 77

Dear Sir

Seeing a statement in the  
Douglas Independent (which I  
inclose) I will give you a statement  
concerning the Tellurium  
mine situate in Douglas Co, Or,  
near Canyonville, we have a  
shaft on the main ledge 50 ft  
deep, in this shaft we find  
the ledge to contain silver,  
Copper, Platinum, and Tellurium  
on account of the great quantity  
of water we were compelled to  
abandon the shaft and start  
a tunnel, which is now 450 ft  
deep, long and the forward

mode is at the rate of 2000 ft  
End of the tunnel is 400 ft  
near the surface. In the tunnel  
we have crossed one vein of 6  
3 ft wide containing galatena  
and silver, these & other veins  
also, the width of which I do not  
know. Recently, we have just  
passed a vein 30 ft thick  
containing silver, galatena, gold  
telluride, bismuth, and our  
obsays. I think it contains also  
Cadmium, and Bismuth, the two  
latter are very rare metals and  
not generally well understood.  
We have a mill on the site, &  
and machinery ready to run.  
Our situation is in the mountain  
west of Campsville, the altitude  
of the mountain is 2,500 ft, the  
stream starts at a point 200 ft  
above the base of the mountain  
making 1500 ft above the tunnel.

The Oldham condensed among the  
we cover the summit of the mountain  
the ledge is clearly definable for  
2,000 ft and traced by Gossings  
for many miles, we hope to  
get an Mill running soon and  
then we will be able to tell  
more definitely concerning all the  
metals. I will add the Company  
has discovered a process of separating  
the different metals from the rock  
which has been subjected to  
thorough tests, and is pronounced  
a splendid thing they think  
the best known, if the foregoing  
Statement is of interest to you, it  
will be of any advantage to our  
large Mining interests here, just  
beginning to be appreciated. I shall  
rejoice therefore  
Very respectfully  
E. O. Chas.



Nashville, June 9<sup>th</sup> 1890

Mr. Tho<sup>s</sup>. A. Edison,  
Menlo Park, N.J.

Sir:— In favor of 3<sup>d</sup> inst  
addressed to Chm. Committee on Public Print-  
ing has been delivered to this office and I am  
pleased to reply.—

Prof. W. Safford edited & published in  
1869 the "Geology of Tennessee", the edition of  
which is now about exhausted. There are,  
however, in the State Library a copy of the  
book, which are guarded very closely and  
prized very highly by the Librarian. The  
Governor is at present absent from the Capitol  
& will be absent for some days, but upon  
his return I will endeavor to obtain his  
order for a copy of the book to be for-  
warded to you— he has plenary power  
over the Library & Librarian.

J

J. C. E.  
2

I have, however, mailed to your address (book post) a copy of the "Resources of Tennessee" — both abridged & unabridged — which contains a geological map & considerable local State information, which may be of some service to you.

Be assured it will give me pleasure to serve, in any way in my power, one for whom I entertain such high consideration.

Yours Truly,  
Wm. R. Gaines  
Comptroller



FROM THE LABORATORY OF  
T. A. EDISON,  
MENLO PARK, N. J.  
U. S. A.

June 9<sup>th</sup> 77

Dear Sir

Can you inform me where I can  
procure a copy of the last geological  
report of the State of Mo? I was  
referred to you by a friend in  
Jefferson City. An early reply  
will be greatly appreciated.

Very truly  
T. A. Edison

Prof Doodhead }  
St Louis Mo }

Pleasant Hill Mo  
June 23-1877

I can send you 14  
Geol of Mo vol 1, 2, 3, 4, 5  
1873 & 74. It will also be a  
few days from St Louis

For address Hill } Pleasant Hill }  
710 } } Cal. Road for  
Mo } } late from St Louis

Office of WARREN SENTINEL,

JOHN T. LOVELL, Editor and Owner,

Front Royal, Va., June 10<sup>th</sup> 1879

T. A. Edison Esq.,  
Menlo Park, N. J.

Dear Sir

Your favor

of 3<sup>rd</sup> inst. addressed "Chairman Committee  
on Printing, Virginia Legislature, Richmond,  
Va.," was forwarded to me here and  
received yesterday.

A factual geological survey of this State  
was made many years ago by Prof. Wm. B.  
Rogers (now of Boston, Mass.) but I am  
unable to inform you where you can  
procure a copy of the same -

I suggest that you write to Prof. W. B. Rogers  
on the subject.

Very respectfully

Wm. I. Towall

Chairman of Com. on Printing of Va. Legislature

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Port Royal Va  
Jan 10. 24  
J. S. Small  
wrote Prof Rogers  
Index 24

STATE OF MISSISSIPPI

EXECUTIVE DEPARTMENT.

Jackson, Miss. June 10<sup>th</sup> 1879

Prof. Tho.<sup>o</sup> A. Edison  
Newark Park, A. S.

Dear Sir:

Referring to your letter of the 3<sup>rd</sup> inst. I send you by this mail a "Report on the Geology and Agriculture of the State of Mississippi" by Eng. W. Hildgard, State Geologist - published in 1867 - which is the last report of the kind we have.

I am, Very Respectfully,

A. McKeown

Secy<sup>o</sup> Private Secretary

LONDON,  
7 Stationers' Hall Court.

CINCINNATI,  
63 West Fourth Street.

Robert Clarke & Co.

Publishers, Booksellers, Stationers, and Importers.

ROBERT CLARKE,  
ROBERTO D. BARRETT,  
JOSEPH W. SULLIVAN,  
EDWARD BARRETT,  
ACQUAINTANCE HILL.

Cincinnati, June 11 1879

J. A. Edsall Esq

Union Bank Bldg.

Dear Sir:

We regret that we  
have not a copy of Stallons Zoology  
of Kansas 1858 left. It had several  
when our Catalogue was issued but  
they are all sold.

Yours truly

Robert Clarke

Kentucky Geological Survey,  
W. S. BRALD, Director.

FRANKFORT, Ky.

June 11, 1879

Thos. A. Edison  
Menlo Park N. J.

Dear Sir:

Yours of June 3<sup>d</sup>

to the Secretary of State, asking if  
there has been a Geological Survey  
of Kentucky, has been referred to  
me. I enclose herewith  
a list of some of the  
publications of the present  
Survey. Any of these which you  
may want I will send you -  
There was a Survey by Dr. D. D.  
Bevier <sup>some</sup> years ago - (4 vols. published) -

Out of print and hard to get  
Except vol. IV. You can  
see the full series in the  
Astor Library New York -

Yours truly  
John R. Proctor

John R. Proctor  
New York  
1871



Office of  
Superintendent State Printing,  
Sacramento, Cal. June 11, 1879.

Thomas A. Edison, Esq.  
Menlo Park,  
New Jersey

Dear Sir -

Your letter of inquiry received this day  
I will answer as follows:

By applying to our Secretary of  
State, you can obtain Prof. J. D.  
Whitney's "Geological Survey of California"  
in four volumes: Palaeontology, 2 vols.;  
Ornithology, 1 vol.; Geology, 1 vol. - price,  
\$6<sup>00</sup> per volume. Also, one volume on  
Botany, by the same author, which  
you can obtain in Boston.

I also refer you to "Cronin's  
Natural Wealth of California," and  
"Hittell's Resources of California," which  
can be obtained of A. S. Bancroft  
& Co., publishers, San Francisco.

Your obt. servant,

J. P. Thompson,  
Supt. State Printing



Sacramento June 11. 79.

A. P. Thompson

no reply

Geology of the

Whitney on the  
Minerals of the Pacific Coast  
Proc of the Acad  
iii 372 375 - 1869

Spring Valley Mining & Irrigating Company.

Location of New Cherokee Ditch Co. land

Cherokee, June 2 1879

Wm. H. H. Hunt  
Louisiana, La.

Thos. A. Edison Esq  
Sir

Your letter of May 30<sup>th</sup> addressed to  
Mills Fargo & Co, has been handed me for perusal, as  
it is from our mine the Platinum etc has been  
obtained in this locality

In 1873 I sent samples to Prof. Silliman, who  
I think found Platinum and Iridosmine in the sands,  
you will find the result of his examination in "Am  
Journal of Science" Vol 6 Aug 1873" if it will be of any  
service to you. I subsequently sent a small quantity  
to Raynor of A. S., but never received his analysis

I enclose you small packages of the  
metals, freed from sand, and also samples of the  
sand from which it is obtained - Our company  
have never made an effort to save this material,  
as it does not amalgamate with Mercury, and is,  
of course, carried off with the sands; it seems  
however to affluinate with, or cling to the Amalgamated  
Gold, in limited quantities, and is washed off



Aptos Cal  
June 12 '24

Dear Sir

There is very small quantity  
of Platinum found in the gold at  
this Aptos mine in the San Luis  
it is found in the Black  
Sand in the beach

but very little it is soft  
It dont pay to bother with it  
yours truly

J. Arano

Aptos Cal June 12 '24

J. Arano

June 12 1924

Arano

How much is found  
as compared to gold  
do they amalgamate the gold  
when do they do with it  
does it go in the tailings or  
do they save it

Calif  
Dayton June 12<sup>th</sup> 1877

Thomas A Edison

Sir

There is not enough in this  
neighborhood to pay for mining

Yours truly

Wm Jennings  
P. 116

P. S. Harris Melan

Dayton Cal June 14

Wm Jennings  
P. 116

June 20 77

Melan is all right  
they are in letter to  
the Jennings who says not good  
to his of Harris, flat-bank 1160 but the hand made

Calpella Cal June 13, 79

P. R. Klein

Lets of Platina

Ans June 23<sup>rd</sup> 79

Mercedino Q

Calpella Cal, June 13<sup>th</sup> 79

Thomas A. Edison }

Dear Sir!

Your letter in reference to  
Platinum at hand, in reply  
I say, that there is Platinum  
here among fine Gold, and  
a Prof Robinson declares  
it would pay alone to  
work without Gold, but  
there is sufficient Gold  
found to pay for working  
if only Water could  
be gotten to the Mines.

There was a Co  
who dit-commen a  
ditch but owing  
to the want of Money to

The concern failed and  
the whole is now in  
an unfinished position

With Capital & proper  
management there would  
be some money in it.

I think the whole matter  
could be gotten reasonable  
low with work already  
done, and it would  
not cost much to bring  
or finish the Ditch.

Very Respectfully,  
James  
P. R. K. Blair  
P.M.

Klein

sample had now working  
 on it for as we have gone  
 there are over 9 times more  
 gold than pt. Whereas in  
 Green, by mine on the big  
 blue lead there is at least  
 over 4 times as much gold  
 as pt. so you see if the whole  
 deposit was of this character  
 it would be folly for us  
 to work it for pt. as we can  
 purchase the concentrations  
 from over 10 mines on the big  
 blue lead. However man will come  
 out soon & see you don't like to  
 have anything to do with gold  
 mining. If sample had carried  
 pt. but pt. in place of gold we  
 sh'd then have gone in for the mine



Arcata

Arcata, Humboldt Co, Cal  
June 3<sup>rd</sup> 1877  
Mr. Wm. A. Edison

dear Sir

Your letter, inquiring  
about platinum at hand & in answer  
will state that the mine have  
abandoned the saving the material  
owing to its low price and its  
difficulty of saving, however by  
informing me what it may  
be worth I will do what I can

Respectfully,  
C. W. Smith P.M.

Is there much of it in the gold sand? If not too  
much trouble please send a little of the sand  
without the gold having taken out for analysis.  
What is done with sand after it passed thru  
the amalgamator. ~~because~~ I suppose as the sand  
is thrown away that the mine would sell the black sand  
what has been the price heretofore for the platinum



Fire Alarm Department,

City Hall,

Montreal, June 13<sup>th</sup> 1879.

Dear Edison  
The Post Office Dept.  
of Canada are about issuing a Guide  
and it is expected out daily.

I have been awaiting its issue and  
as soon as it comes forth will  
send you a Copy.

Yours &c.

J. H. Bayley

Gibbs Avenue  
Newport-P.I.  
June 14. 1879.

J. A. Edison Esq.

My dear Sir,

The only reports of  
My father's summary of D, ever  
published, were the Annual  
Reports of yourself, as the work  
was discontinued before its completion.

These annual publications are  
now very hard to find, and I  
have been unable to refer  
to the Applications after March  
One for a complete set.

I have a very few extra  
copies of the two later Nos of

There would be of use to you  
I will gladly send some of  
them, with the request to have  
them returned.

Perhaps you would like  
to indicate to me the nature  
of the geological enquiry  
in which you are interested  
in Virginia, as it may be  
in my power to aid you  
by letter.

Believe me dear Sir

Most truly & cordially  
Yours

William B Rogers.

Wm B Rogers  
Geological Survey  
Washington

Room 4 Nevada Block

San Francisco Cal June 16<sup>th</sup> 79

Prof. Thos A. Edison

Dear Sir

Learning

through Supt Crawford of the U.S. Mint  
at Carson City that you desire  
to ascertain if a supply of plati-  
num can be obtained here  
I write to inform you that  
I can furnish a quantity  
of what is here called  
platinum, but which is I  
think an alloy of iridium  
and platinum, the two hardest  
metals known. It is found  
usually in that form I believe  
and I judge it as valuable  
for your purposes as pure  
platinum. I can send

you a sample if you desire  
it.

It is found in the beach  
sands of the Coast of  
Oregon, and is obtained  
by washing the same for  
gold - the two metals (gold  
and platinum) being obtained  
together - the latter in very small  
quantity, and separated with  
some difficulty. No mines  
of platinum are known  
to exist, though of course that  
found in the sands must have  
come, like the gold also -  
ciated with it, from its matrix,  
or vein in the mountains.

Please inform me  
what quantity you will  
require and what  
price you can pay therefor.

Yours Respectfully  
Maurice Thomson

I cannot see Dr. Osmond's. The ore you  
have probably contains .60 per cent of  
platinum mixed with Copper Iron, Palladium  
Ruthenium, Iridium, Rhodium. The  
Iridium Osmium is a native alloy and has  
no earthly use except for Gold pen  
points. If it is in large grains the pen  
men pay about 6 dollars per oz they  
I purchase for after picking out  
the pieces suitable for points  
sell the rest from 75c to 2.00  
per oz. The supply from the pen men  
is about 200 oz yearly. It could  
not be ~~used~~ <sup>used</sup> the ore unless I  
could get an unlimited supply  
say 1000 lbs annually as the  
purification of platinum from its  
kindred metals Ruthenium - Palladium  
is the most difficult process in  
metallurgy - has only been successfully  
accomplished on a commercial  
scale by two firms in Europe, without

Sun. Fran June 14 21  
More than  
plenty of heat  
and June 24, 19

I can obtain the 1000 lbs annually  
it must depend upon these firms)  
The price of the Russian platinum  
ore in quantities is 1.84 per oz.  
it contains 4.5% of gold and 28% of  
Iridium, the latter lowers its  
value; How much have you on  
hand, and how much covered  
you supply a Refined platinum  
in ingot is worth 6.85 per oz.  
The extra cost is the difference of  
purifying & profit of manufacture

Laboratory of  
Thomas A. Edison  
Menlo Park, N. J.

June 14 1879. 1879

Thomas A. Edison, Esq.

Menlo Park, N. J.

Dear Sir:

The following is an account of expenses and disbursements made by me from May 26th. to June 7th. 1879. during trip to and from N. Y. to Quebec. Rivière du Loup below. Chaudière and Gilbert Rivers and 'du Loup above, P. Q. Canada in search of Platinum.

R.R. fare N. Y. to Quebec + return	29. 50
Sleeper. Porter. Meals &c.	3. 50
R.R. fare. Quebec to 'du Loup + return	4. 00
" " " " St. Joseph " "	3. 50
Hotels, Coach. Stage &c.	41. 65
Buggy hire, driver &c.	17. 00
General Expenses	36. 10
	\$ 135. 25

Cash received \$ 200 -

" disbursed \$ 135. 25

" on hand \$ 64. 75

Respectfully Submitted

*Frank M. Laughlin*



10.) Milton Mining and Water Company,

NEVADA CO. CAL.

French Conall June 15<sup>th</sup> 1879

Mr. A. Colson,

Genio (S. & S.)

Dear Sir,

Your circular without date  
to the Postmaster at Eureka, in  
relation to the metal platinum  
has been handed to this office for  
reply. There are a few scales of  
platinum to be found here occasionally  
but nothing of any amount. At the  
C<sup>o</sup>s Manganese Mine Swatland there  
is more, but <sup>not</sup> enough to make any  
thing of, unless it could be saved  
without extra cost, even then it is  
doubtful.

Respectfully  
Yours,  
Wm. J. Hall, Supt.  
Milton Mining & Water Co.  
June 15<sup>th</sup> 1879

Has sent a  
little of the  
flawed one  
that has not  
been checked  
in by me  
will find  
fragments  
left in  
box

June 15<sup>th</sup>

Mr. Tho. A. Edison

Dear Sir

Yours of May 30 is at and I wish to say to you that Mr F. J. Lockhart will get your letter in reply to the platinum and iridizimine of the latter I think the Black Sands don't contain any of it Best platinum is found inokirable where we find the Black sands I have about 60 Cps of Platinum and will send you sample if Mr Lockhart don't send you any will see him myself and show him your letter to me

Very Respectfully yours

J. P. S. Baker  
Randolph  
Ore

Words indicate fine sample of Oregon  
say that it is no object to purchase small  
quantity but if we could be sure of  
obtaining at least 50000 oz yearly we  
would expect make for purifying there is  
but one firm in the world who work it, as it  
is the most difficult metallurgical process  
known. This firm have the sole monopoly of  
the Rich Russian mines, paying 2 dollars

4200 per centum - for the ore which  
contains 85 to 91 pc of platinum, Iridium  
Ruthenium, Palladium ~~Iron~~ or 75 pc of  
pure platinum - the balance is Iron -  
W. S. ... that

there are several places claims in your  
vicinity, from which black sand could  
be obtained, I suppose the Mining  
Cos would sell the black sand after  
they had taken out gold with  
Mercury = ~~the~~ would you in addition to

the platinum send us a sample of  
black sand from which nothing  
has been washed I want to get  
an idea as to the amount of platinum  
metal there is = Can you give us an  
idea of the amount of black sand  
there is to say 100 lbs of gold

found in an average place = If you  
want to get rid of the 60 of 4 in blank you may send by Express ~~of 100~~  
after you use it - for sample caps like the enclosed sample  
I send you two tubes for  
postage stamps enclosed in tubes for return  
I will send two tubes - Enclose  
2 6 cents in stamps in each one -  
send sample can

Received by George Dreyfus  
at Philadelphia  
Oct 9 June 23/77

Pridgewille Humboldt Co. Cal.  
June 16<sup>th</sup> 1879

To

Mr. J. A. Edgewood  
Neals Park  
N. J.

Dear Sir

In reply to your inquiry of June 1<sup>st</sup> I will say that this County being far remote from any gold bearing or mining district. "Placer" or "Quartz" no discoveries of that kind have as yet been made although this is a Mountain County tho' so far it has been but poorly prospected for Minerals however should I hear of the metal you desire I will be pleased to inform you of such facts in the meantime I remain, Sir, yours

Most Respectfully

Send him Card

Say we have learned indirectly  
of Calcium being found in  
Humboldt Co. etc etc

John J. Hale JMW  
Pridgewille

# University of California,

Berkeley, Cal<sup>a</sup>.

June 16<sup>th</sup> 1879.

Thomas A. Edison, Esq.  
Menlo-Park,  
New-Jersey.

memo for  
Patent Bureau  
Got

Dear Sir:

In reply to your letter of the 5<sup>th</sup> of June, I beg leave to state, that printed copies of the "Proceedings of the California Academy of Sciences", can, probably, be obtained by communicating with Charles G. Yale, Secretary of the "California Academy of Sciences", whose office is at "No. 202 Sansome Street, San-Francisco, Cal<sup>a</sup>".

The "Proceedings" have been published quite irregularly; but I presume the published numbers ~~can~~ be obtained from the Secretary.

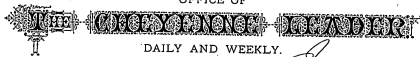
I remain yours

Most Sincerely,

John BeConte,

Pres. Univ. of Cal<sup>a</sup>.

OFFICE OF



DAILY AND WEEKLY.

Cheyenne, Wyo., June 17 1879

Prof. Thos. A. Edison,  
Mento Park, N. J.

Dear Sir,

In reply to yours of a recent date they leave to state that no reports of geological surveys of this Territory have been published here. Prof. Hayden and Lieut. Wheeler have made partial surveys of Wyoming; their reports have been made to Washington and I believe they are about to be published.

I regret to state that no platinum has been discovered yet in our mountains, although some of our old prospectors claim to have seen it in some places across west of the Big Horn Range. Our mountains are full of prospectors this summer, and if they should bring forth the precious metals you speak of in your new and improved electric light, I shall deem it a pleasure to improve you.

Very respectfully, yours

H. G. G. G. P. M.

Agent for Hazard  
Powder Company,

OFFICE OF

**H. BOOTH**

—WHOLESALE & RETAIL DEALER IN—

**GROCERIES, PROVISIONS, FLOUR, FEED,**

**And Miners' Supplies.**

CUSTER, DAKOTA

June 17, 74

D. A. Edison  
Meads Park

Dear Sir,

Yours favor requesting information

as to the presence of Platinum in this country is rec<sup>d</sup> and I regret to say that this country has been so slow in its development that the fact of its existence in quantity has not yet been determined although it has been found in small quantities in many places. Platinum is comparatively unknown to the ordinary miner and would in the majority of instances be treated by them as black sand and thrown away without notice. It is the strong presumption that mica exists here in quantity, but at present no one could speak definitely as to whether it is or not.

Respy Yours  
S. P. Shawland  
R.M.

*For the purpose of the mine some specimens of mica at present it is necessary to digging near it is advisable to get a small amount of the black sand from the mine. This is a good set for mine the*

San Francisco  
Prize Money

# Territory of Washington



**EXECUTIVE DEPARTMENT**

Olympia, June 12<sup>th</sup> 1874.

Dear Sir:

In reply to yours of the 3<sup>rd</sup> inst, I have to say: There has been no geological survey made of this Territory; nor has there been any work published containing reliable information regarding the mineral resources of this Territory. I am sorry that such is the case for our mineral resources are legion.

Very Truly yours

H. S. Foster

Private Secy to Governor



United States Consulate  
San Domingo  
June 18. 1879

J. V. Edison &  
Charles Fort  
et. J.

Sir

Your favor of 9th inst. is received. I have never heard of the existence of the Metals you speak of, on this Island. And I think there are none. Labor is plenty, and cheap. And streams of water abundant.

Doctor Julio N. Rae, Superintendent of the Van Nyck Smelting Works, Petre Amboy, and also President of United States and Dominican Mining and Mineral Land Co. 35 Broadway N.Y. has just made a tour of the Island, and perhaps can give you some information on the subject of Minerals.

Respectfully Yours,

Paul Jones Consul

OWR

Write to Julio Rae as he  
is aware that platinum is found  
in Sault Ste Marie - The first piece  
of platinum known was sent  
from there to Europe about 40  
years ago, it is said to be  
found in the Valley of the Galle  
Canyon just as you inform  
regarding the presence of this  
metal there, is there any place  
mining carried on at present  
Would you give address of

W. Sturtevant  
Sault Ste Marie  
Michigan  
L. C. Munn  
Sault Ste Marie  
Michigan  
T. A. F.

Corro South Cal. June 15<sup>th</sup> 1877.

Wm. A. Edison Esq.  
St. Louis Park N.Y.

Dear Sir, your circular inquiring about the metal platinum having been placed in my hands I would say that there are no known mines in this section of country that produces platinum. There is a mine here however called the Gold Hill mine that is just now creating considerable stir in mining circles that bids fair to prove a valuable gold mine that carries platinum in its ore, in the form of scales. The mine will in all probability be worked on a large scale within the coming year when the value and extent of the platinum contained in its ore will be fairly demonstrated. Should it prove to contain platinum in any appreciable amount you will hear from it.

would like samples  
for analysis send  
me a 3 cent card

Send card ask if it is  
a quartz mine or a  
placer deposit - Whestone

I address for full information  
who controls the mine, if there is  
plenty of it to work the mine we are waiting for the gold

Very Respectfully  
Wm. Corro - Corro & Mining Engineers

Corro South

Imyo Co.

California

GEO. S. LADD, President,  
S. D. FIELD, Secretary.

THE  
CALIFORNIA ELECTRICAL WORKS,

Office and Works, 134 Sutter Street,

San Francisco, July 18<sup>th</sup> 1879

Thos A Edison Esq

Dear Sir:

These are a few ounces  
of pure iridium of the same nature as the  
enclosed sample for sale here - The owner has  
no idea as to its value, but if it is of  
any use to you make him an offer -

Incidentally, I may mention that any  
amount of both Platinum & Iridium can  
be obtained from the sea sand near Sill Bluff  
on this coast. whenever the demand  
increases its value sufficiently to  
make it special mining an object.

Yours truly -  
Stephen Field.

I have got letters from several parties - 24

I could only get 3 or 200 oz

I would rather by a mine or purchase the  
land from the miners on coast & get  
an unlimited supply  
because it would cost several thousand dollars  
to excavate woods

I buy what I want now from the pen  
point men for \$1 per oz they pay from 1/2  
to 3/4 when pieces are large after peeling  
out what they can use they sell it again  
at from 1/2 to 3/4 per oz that only use  
iron is put to up to present time  
the sample sent is a little too small for  
the pen point men. If man has got 100 or 200  
oz I will buy it at \$1 per oz

See  
S. F. Jones  
S. F. Jones  
S. F. Jones  
S. F. Jones

Gloucester  
June 24

P.M.  
Wrote & sent 3 cards  
June 28-29

Gloucester Md.  
June 18<sup>th</sup> 79

Dear Sir

Am sorry to say the  
metal Platinum had not been  
found in our Territory.

We have a great many different  
Metals all of them. Very hard  
one hard for instance  
Pittacumite

Yours Respectfully

Lord of the Treas. J. A. Dougherty

Send him <sup>three</sup> Cards ask him  
he wont show us Co prospectors or  
gather what information he can. <sup>Wrote</sup>

Washington Mill  
Crushing and Smelting Works  
Clinton, Idaho & Co.  
Producers in Silver & Lead & Co.  
Troytown, Lead Creek Co. Col.

Lake County Mill  
Crushing and Smelting Works  
Tulley, Idaho & Co.  
Producers in Gold, Silver & Lead Ore  
Leadville, Lake Co. Col.

Silver Placer Mill  
Concentrating & Smelting Works  
Works at Silver Placer  
Franklin, Idaho & Co.  
Troytown, Lead Creek Co. Col.

Leadville, Colorado, June 29<sup>th</sup> 1879

C. W. Edison Esq.  
Monte Park, N. J.

Dear Sir:-

In reply to yr. inquiry of 9<sup>th</sup> inst  
I have to say that the platinum of Summit Co  
is found with the gold from placer washing.  
I am told it is alloyed with osmium and  
iridium. So far as my knowledge goes no quantity  
is found in any part of the United States, though  
more might be if miners attention was particularly  
directed to seeking for it.

I trust you may have yr. megaphone  
perfected at an early day as my deafness interferes  
with my taking part in general conversation. If  
yr. instrument in its present stage would benefit me  
but slightly it would be of great advantage to me.

Very respectfully  
Franklin Ballou.

Do you mean or  
do they have had  
some working in it  
a year.  
If you can  
name them and  
where working for  
platinum  
then sample by mail  
I'll give you  
platinum for  
working

FROM THE LABORATORY OF  
T. A. EDISON,  
MENLO PARK, N. J.  
U. S. A.

Dear Sir:

Would you be so kind as to inform me if the metal platinum occurs in your neighborhood? This metal as a rule, is found in scales associated with free gold, generally in placers.

If there is any in your vicinity, or if you can gain information from experienced miners as to localities where it can be found and will forward such information to my address I will consider it a special favor, as I shall require large quantities in my new system of Electric lighting.

An early reply to this circular will be greatly appreciated.

*From other points of view we have  
nothing to do with the  
localities - well about that land*

Post Office Ferrisdale Cal. *Very Truly*  
T. A. Edison *June 18 89* Thomas A. Edison.

*There is no platinum in this Menlo Park,  
County Colorado & at least no designers N.D.  
This is not a mercury county, although there is  
some gold. Respectfully Ch. S. Land. P.M.*



June 18<sup>th</sup> 1879

Quinnville, Marion County, Oregon  
Mr. O. A. Edison.

Wenlo Park - N. J.

Dear Sir

Your circular of the 2<sup>d</sup> inst. - Received, and in reply will say that I do not know of any deposit of the metal Platinum, in this immediate vicinity, but am informed by parties who have worked in the gold mines on the waters of the Santiam River, in Linn County, 20. to 30 miles distant, and also at Gold Hill, in this county, and about the same distance from this place, that it is quite common to see it in small quantities, in those localities, while hunting gold. But as the matter has received no special attention, I presume it is a matter of mere conjecture, as to what extent it might prove on thorough investigation.

I have had some experience in the California and Idaho Mines, the result of which, is about the same as above stated. It is generally

associated with gold, but is, not infrequently, found with the mineral sand, when gold is not present.

I believe that the Platinum occurs to some extent throughout the entire gold fields of this coast, but as to the nature and extent of deposits, am not able to give any certain information at present. But in the meantime, should there be any new developments relating to the matter, I would be happy to aid you in your enterprise, by furnishing any such information that may come into my possession.

Very Respectfully,

G. Langworthy

Amerville August 16th 1874  
G. Langworthy  
Care of J. S. M.  
Port of Spain

4 or 5 sample combs  
for prospectors are found  
from the rocks & this is  
all places where it  
seem to exist - you will  
see in the "Americanist"  
would maybe collect some  
you will mine -  
As you think mine comes over  
I have sent you a set of the  
mineral for it after they get good.



I have reopened this  
communication to make  
another signature as  
there is a person of my  
name here -

So if you see fit  
to answer say,

Chas A. Barnard

El Dorado, Cal.  
John B. Drew  
August 29

El Dorado, Cal, June 19th 1874

Mr. T. A. Eddis

Dear Sir

I have  
inquired of several miners around  
here about the metal Platinum,  
but they say there is none around  
here in paying quantities.

Yours Respectly  
John B. Drew

Ask him if the miners in  
places near ~~the~~ Mercury  
to get good dirt. This seems  
to be some quantities of Platinum  
in the Black sands & blown in  
gold workings all through  
California. Every sample  
recd by me of any paying  
quantities, especially at Cherokee flat

Butte Co. Would you be so  
kind as to give me several  
addresses of persons  
engaged in placer  
mining in your Co.  
(that I may correspond.)

Thanking u for ur  
inf. I enclose  
a small sample =

Yr truly  
J. W. B.

Send Card

Althouse Oregon  
June 19<sup>th</sup> 1849

Mr Edison

Sir

The metal Platinum  
has been found in  
very small quantities  
in the Placard Mines  
in this vicinity  
But do not know of  
any for sale now  
there is no market price  
on the metal here  
It is better for you  
to state what you  
are willing to pay  
and I should succeed  
in collecting any I will  
let you know  
Respectfully  
C. H. B. each

Market price is ~~2~~ two  
dollars & 20 cents per oz  
for platinum dust as per  
sample, & 1 dollar for  
Indosmine, if the same  
as twice the size when  
it's worth 6 dollars to  
the gold per man we  
~~want~~ want 10,000 lbs.  
We send 3 sample cards  
We will purchase for  
Cash a deposit or place  
that can be worked &  
made to produce platinum  
for 2.20 per oz

W. J. Johnson  
C. H. Johnson  
W. J. Johnson



## BANKING HOUSE OF

Decker &amp; Jewett,

Marysville, Cal. ~~June 19~~ 1879Thomas A. Edison Esq  
Market Park, N. Y.

Dear Sir

I am Curious

to

know if you are not aware of any  
patentees who have been found in this section.Respectfully,  
John H. Jewett  
Peter Decker

Would the firm be so kind as to  
give us the address of several  
parties engaged in Hydrocarbon  
or placer mining in their  
vicinity of A?

Granville Cal June 20, 79

Geok Tyler

Ans: June 25-79

+ sent two tin tubes

Dear Sir  
Granville Nevada  
June 20<sup>th</sup> 1879

Mr. G. A. Edison

Sir

I have talked with the  
oldest miners in this  
~~Prater~~ County and  
they all say that  
platinum is a very  
scarce metal here. There  
has been and is yet  
some very rich places  
here ~~too~~ (in gold) but  
platinum has never been  
found but once and a  
small quantity at that

I am very sorry <sup>that</sup> I can  
give you no better

encouragement should  
any be found I will  
purchase and send it  
to you if you will inform

me the value per ounce  
as several miners say  
they will take pains  
in looking for it

Hoping you may be more  
successful else where

I remain Respectfully

Yours  
George A. Tyler

Graniteville  
Nevada Co  
Calia

Write Send Card

of sample, say if he  
can send some of the  
metal or the black sand

Containing the metal  
will assay & give the  
value, because send by  
mail - send him two

of these tin boxes &  
say he can pack the

different samples in  
it - Indosmine. usually

75¢ per oz of 70% alumina or pure  
as sample about 1.80 per

oz —



The Geological and Natural History Survey  
OF MINNESOTA.

Minneapolis, Minn. June 20 1877

J. H. Edison

Mendota Park, N.J.

In reply to yours of June 10. '77  
inquiring about my last report. I  
have to say I am in doubt about  
whether you refer to the last printed  
report, or the last report I made, which  
has been reviewed in the newspapers before  
printing, & will be published in a  
few weeks.

I will have my report for the year  
1877 sent you - which is the last one published.  
I make annual reports - N. S. Winchell

FROM THE LABORATORY OF  
T. A. EDISON,  
MENLO PARK, N. J.  
U. S. A.

Dear Sir:

Would you be so kind as to inform me if the metal platinum occurs in your neighborhood? This metal as a rule, is found in scales associated with free gold, generally in placers.

If there is any in your vicinity, or if you can gain information from experienced miners as to localities where it can be found and will forward such information to my address I will consider it a special favor, as I shall require large quantities in my new system of Electric lighting.

An early reply to this circular will be greatly appreciated.

Very Truly

Thomas A. Edison.

Menlo Park,

N. J.



Do not think of any  
platinum in this  
part of County  
H. N. Fuller  
Ct.

Handwritten note: "I have not seen any platinum in this part of the county."

NO. 1

Mandolph Coas Co. N.Y.  
June 20th 1879

Thomas A. Edison Esq  
Menlo Park N.Y.

Dear Sir:

Your of May 30th is  
at hand. It affords me much  
pleasure to comply with your request  
and will answer your questions in  
order as stated

1. Platinum and iridium are not  
found in quantities sufficient to  
justify the working of the bones  
for them
- 2<sup>nd</sup> So far as I know they are not  
combined with iron or any other  
substance, but are found in a  
free state as you will see from the

from the sample I send you

3 Chlorination is not used. - My sus-  
-my try that process was a failure  
the leaching could not be effected  
without thorough oxidation of the  
sand and that would not pay

4<sup>th</sup> There are plenty of these deposits  
in to be had in this section.

I am not able to  
say in what proportion to Gold these  
metals are found, as there has not  
been any effort to solve them but I  
think it to be about six in Gold to  
to one of these metals - It is possible  
that you may find these metals comb-  
ined with the sands if so no doubt you  
could find a process by which they  
can be successfully extracted if they are  
one so found there can be no doubt  
but this section affords all the <sup>ores</sup> ~~ores~~

you would wish for or desire  
as these sand deposits are in some  
localities as epitaxial

The sample of sand I send you is  
just as it came from the mine when  
I got it. the sand is 1/2 inch thick

In this package is an oz of the metal  
showing the exact condition in which  
they are found.

Please inform <sup>me</sup> if there are more for sale

If you should desire a good quantity  
2, or 300 oz I think that amount could  
be obtained in this section

If I can be of any service to you  
in any of these matters please inform  
me

Respectfully  
yours

J. S. Lockhart

I thank you for the sample sent. It contained a small quantity of  
platinum. The other in bottle was first class ore. We have found a  
source of platinum near a California. The matter taken from the (California) 1870  
Hydrometallurgical process in California. The matter taken from the (California) 1870  
Blowing valley, California, & Cherokee flat, Cal. Bureau. 50 oz of  
of platinum to the ton. I have not furnished a process for extracting  
the gold charged out by the silver from the ore, and the residue of the (thru) assay of  
my process I select a large quantity of gold & platinum from the (California)



Received by June 20 1914

By Bookbinder

June 20 1914

(Letter-book)

No 4

No 5

I think if all your sand is as clean as a sample, that  
my process would take out every bit of gold and platinum,  
as I get every scale of platinum you can judge that myself  
that will do this will catch the gold. I am now about  
testing it on larger scale, of course it is only a laboratory  
process and you probably know that laboratory processes  
do not always work in practice, in fact not one process  
- 100 work in process, I wish I could get a larger

quantity of your sand, but first I will use  
the Cherokee sand which is much more difficult.

Platinum like you send is worth from 180 to \$2.30 per  
oz this is the price at the Roman mines at present, \$32 per  
two pounds the price at Barranquilla from U.S. of Columbia  
S.A. - I will pay the same, but I hardly think I would  
pay you to save it as it apparently occurs there  
in such small quantities, I want 100,000 lbs,  
or more; if you will send an other box would be  
glad if I get my process working you can have it  
in exchange for the platinum you save.

The Mint of the United States at San Francisco, Cal.,

SUPERINTENDENT'S OFFICE.

June 20 1879.

Thomas H. Edison, Esq.,  
Menlo Park, New Jersey.

Dear Sir:

I have received your letter of the 12<sup>th</sup> inst, and would state in reply that the Trinidad referred to in mine of the 4<sup>th</sup> inst is situated on the northern coast of this State, in Humboldt Co, and that the gold obtained there is secured by working the sands washed up from the Pacific Ocean. You might obtain reliable information by enclosing some of your circulars to the

Postmaster at Trinidad.

I am unable to state as to whether the gold of Northern Idaho contains platinum, but would suggest that you send a circular to the Assayer of the U.S. Assay office at Boise City, Idaho, from whom you may obtain information on the subject.

Very respectfully,  
C. L. D. <sup>1892</sup>  
Supt.

June 20, 79

U. S. Mint, Superintendent's Office,

SAN FRANCISCO, CAL.,

H. L. Dodge  
Supt.

187

At  
San Francisco, Cal.  
June 20, 79  
Superintendent.

No. of Enclosures,

St. Petersburg Russia.  
June 21, 79

D. Sergius Kern

Ans July 21 79

St. Petersburg  
Bouchoff Steel Works  
June 21<sup>st</sup> 1879.

Thomas A. Edison Esq.

Dear Sir

Next week I hope to receive all the details concerning the price of raw platinum in Petersburg, but I must remind you, that in Russia there is no refinery establishment for platinum and all the platinum mined in Russia is exported in raw state to England and France.

Believe me, Dear Sir

Yours very truly

Sergius Kern

P.S. Up to the present time I have only a very small quantity of "davyum" the fusibility of which approaches that of palladium. The analyses of russian platinum ore you will find in the "Chemical News" 1877; No 901.

Write to say would very much like the addresses of parties with whom we may correspond with a view of purchasing. We should

like about an ounce of  
native Russian platinum  
we will indyano and  
quantity of California  
Native if you desire  
perhaps this is "Savoyan"  
in it.

J. A. P.

The Mint of the United States at Carson, Nevada,

SUPERINTENDENT'S OFFICE,

June 21<sup>st</sup> 1879.

Dr. F. A. Colison,  
Humboldt Park N.Y.

Dear Sir:

I enclose you  
some letters received in relation to platinum  
mines on this coast. The only one that  
appears to approach your desire in the matter,  
is the one from Mr. Thomson. You can not  
discuss him personally, or authorize to confer  
with me, as I will take great pleasure  
in assisting you in any way possible.  
I will probably receive other letters bearing upon  
this subject, which, I will transmit in  
due time. Again permit me to assure  
you that I will take great pleasure in lending  
you any assistance in my power.

Carleton New June 21, 77

James Crawford

Quind June 30, 77

The Writ of the United States at Carson, Nevada,  
SUPERINTENDENT'S OFFICE,

187

Superintendent.

No. of Enclosures,

I am Very Respectfully  
James Crawford  
Supt.



[ENCLOSURE]

Room 4 Nevada Block

San Francisco June 11<sup>th</sup> 1877

Swift Crawford, Carson Mint.

Drafts.

Dear Sir,

an item in the papers stating that you had rec<sup>d</sup> inquiries from Prof Edison concerning the existence of platinum mines on this Coast, I write to say that I can furnish information where a supply of what is termed platinum but which is really an alloy of platinum and iridium its cognate metal, can be obtained. I presume but do not know, that this platino-iridium would answer Edison's purposes if not he could separate the two metals. I do not

[ENCLOSURE]

think a supply can be obtained  
from any other source in this  
country.

Will you please favor  
me with a statement as to  
how much he requires and  
what price he offers per pound,  
or ounce therefor,

and oblige

Yours Respectfully

Monroe Thompson

Not answered

Monroe Thompson Esq.  
Rennet & Amos Block  
San Francisco

Bob

Guadalupe Cal June 21/79

Wm. A. Edison

Menlo Park N. J.

Dear Sir

There is no  
minerals in this part of this County (Santa Barbara)  
of any kind therefore no platinum or any other precious  
here

Yours truly

John Dunder

P.M.

Perhaps there may be platinum?  
send you card of specimen if not  
too much trouble would you show it  
to some old miner. I obtain what  
information you can - or give me  
the address of miners prospectors

<sup>Sierra Co Cal</sup>  
Forest City, June 24

Mr. Thos Edison

Sir In reply to  
your letter I will say  
there is no platinum  
to be found in this  
county to speak of all  
there is would not amount  
to an ounce in a year  
I am told there is some  
to be found in Placer  
county yours

R. W. Patrick

Sierra Co Cal

---

what part of Placer Co = pls give address  
of neutral party = 70 and find you will  
see that platinum is very different metal  
to see especially if mixed with mercury to

Take out the gold, if you  
would give a piece of several  
pounds of your gold  
that are the same in  
flow <sup>or the quality</sup> ~~the same~~  
to greatly oblige

Dear Care +  
Company -

James G. Galt  
Rutherford  
June 11/14



Fire Alarm Department,

City Hall,

Montreal, June 21 1879

Dear Edison

I have sent you with  
this a copy of the "Canadian Almanac"  
containing a list of Post Offices &c.  
The regular list has not been issued  
yet by the <sup>Postal</sup> Dept. When it is will  
mail you a copy if this does not  
suffice

Yours &c.

J. H. P. Ranger

These of Edison by Story County Hospital  
 Virginia City Nevada  
 Jan 22<sup>d</sup> 1879  
 Dear Sir  
 Platinum Iridium and gold fine  
 Gold were found 25 years ago on the bank from  
 Rogue River to Lake Blanco Oregon - do not think  
 any mining done there at present  
 does it occur in any other place  
 do they think it is possible to find  
 do it possible to find in any other place  
 Edm J. Gambel

Laucha Plana, <sup>Colo</sup> June 22, 1890

Dear Sir - Laucha Plana lies S. W. of the  
Copper belt - East of the Copper is limestone -  
East of the lime comes auriferous quartz. Our  
mines are strictly placer the drift of the  
country East of us. I have been here about  
20 years, and have never heard of or seen the  
metals you inquire about. I have heard of it  
being found farther north, but not in large  
quantities. I, and those around me, have but  
little technical knowledge of metals outside of  
Gold, silver and Copper, and therefore am diffident  
in speaking about platinum. We have all the  
metals I know named, besides chromium, tellu-  
rium, (this is spelled wrong, I know) - iron & silic.  
The geological formation here is strange and  
unexplicable. Ditches pitch to the East  $\searrow$   
- If mountains are formed by upheavals  
how can this be? It appears to me they should  
stand the other way. If I am ever called upon  
to make a world, I will do it differently. I  
will make it wiggly, and if I learn any thing  
favorable, will cheerfully write.

Yours  
J. W. D. Palmer, Esq.



Lunch at Home Cal

June 22, 1915  
W. H. Palmer  
1000 Ave 30

2 cards 2 for dist  
As there much attention is  
paid with gold or by steel  
it  
found and will forward such information to  
my address I will consider it a special favor  
as I shall require large quantities in my  
new system of Electric lighting.  
An early reply to this circular  
will be greatly appreciated.

Very truly

Thomas A. Edison.

Menlo Park,

N. J.

Also please address  
of parties engaged in  
mining

Dear Sir,  
I have metals &  
combined with a base metal &  
Carries no price it would  
not be valuable to  
the mind but could  
be used in the arts  
I would you be  
plea send a small  
sample by mail  
I give the price  
it would be got  
and for per 100  
lbs of ton. I  
think plat must be  
found in your  
neighborhood  
you will write  
I've dig met to find  
a little heavier  
than the plat  
you find in your  
neighborhood  
I've found some  
black sand in your  
neighborhood  
I've found some  
white paper & sand by  
mail enclosed stamp  
perhaps will be able to  
find plat  
The 2 cards have to be made in a  
placers associated with free gold, generally  
This metal as a rule, is found in  
places associated with free gold, generally  
in placers.

If there is any in your vicinity,

or if you can gain information from experi-  
enced miners as to localities where it can be

Mr Edison

Dear Sir:

There is no Platinum  
any where in this region of  
Country that I am aware of, I have  
heard old miners say, that in the gold  
mines of Humboldt (called "Humboldt  
mines") of the State of Nevada the platinum  
was so extensive, as to cause the mines  
finally to be abandoned. We have quantities  
of Bolea here, but no platinum

Yours Truly

Thos. J. Gould  
P. M.

Hermitage June 22nd.

11-10-1887

Thos J Gould  
June 22, 1887

We have received a communication from  
Calpella in your County stating that platinum  
occurs in considerable quantities in the black sand  
of placers near there. We send you two sample  
Cards, please take one of them upon your affor-  
+ the other please give to some professional man you will  
see by the sample that platinum is a very precious  
ore + most every miner would pass it by. It is a little heavier  
than gold + comes down with tin pan washing if the gold  
is taken out by mercury of course the platinum goes  
with the black sand in the tailings. It is the black  
sand that we will find platinum + would like  
samples say 3 or 2 for assay. There must

or some mistake about platinum being contained in  
the mine of Humboldt Nev, was it placer mines  
or vein mines of placer ~~it~~ it might be so thick  
that it would be better the mine in quantity  
without mercury - How long ago was it.

Thomas A. Edison.

Very truly

will be greatly appreciated.

An early reply to this circuit

new system of electric lighting.

as I shall require large quantities in my

my address I will consider it a special favor,

found and will forward such information to

interested persons as to localities where it can be

or if you can gain information from exper-

if there is any in your vicinity,

in placers.

places associated with free gold, generally

found? This metal as a rule, is found in

the metal platinum occurs in your neighbor-

Would you be so kind as to inform me if

Dear Sir:

FROM THE LABORATORY OF  
J. A. EDISON,  
MENLO PARK, N. J.  
U. S. A.

MUSICAL INSTRUMENTS  
— CUTLERY —  
LEGAL BLANKS, ETC.  
PICTURES AND  
PICTURE FRAMES.

THOMAS YOST,  
— DEALER IN —  
SCHOOL BOOKS, STATIONERY,  
POST OFFICE BUILDING,

Hollister, Cal. June 23 1879

Dear Sir I know of  
no metal such as you  
inquire of. You have  
an order quantity of  
contemporary Luck's and  
I think McKel's  
has been discussed here  
Respectfully

P.S.

I will send your letter  
to the local papers.

To W.A. Edison  
Menlo Park  
N.J.

Yost

Address of Edison  
your letter to  
menlo park  
for answer  
and of sample sent  
last night to Edison  
that is correct

nickel iron wire with 1/2 inch diameter

nickel iron wire with 1/2 inch diameter

Hooper Valley Cal  
June 23<sup>rd</sup> 1899

T. A. Edison Esq  
Menlo Park N.J.

Dear Sir,

A white-metal is found and taken with the gold from the Trinity River, but not in sufficient quantities to do you any particular good if it is platinum.

The white metal taken from the mines, is a nuisance to the miners and trouble to the trader,

Respectfully  
J. C. Cony

June 23 1899

How is found  
how do they separate it from gold  
how would be  
wed it be necessary to invest any kind  
of process to do it

How is found  
how do they separate it from gold  
how would be  
wed it be necessary to invest any kind  
of process to do it

adds of mines etc. in case comes with

We would like to argue with miners  
to purchase these metal

pls send small sample

adds of mines & prospectors

Klamath Hill  
Station, Or.

Under your hand from the  
mine is generally  
a lot of the  
specimens  
I have especially  
placed by the mine

OFFICE OF

Quartz Mining Co.

Jan 23<sup>rd</sup> 1871

Edward Egan

Monte Porto

Dear Sir

Your note

of enquiring in reference to the metal  
delivered at hands.

would pay in reply that small  
quantities have been found on the  
Salmon river and its tributaries

but not sufficient to be of the slight  
art commercial value to you.

Know of no place within the radius  
of fifty miles in which any quan-  
tities have been obtained.

Respectfully yours  
John Daggett  
per Schick

Imyo. Imyo Co. Cal.

June 23/79

Dear Sir,

There has never been  
any platinum found in this County  
The only place I know of where  
it has been found, & only in small  
quantities there, is in what is  
called the "Coast diggings" from  
Present City to the mouth of the  
Columbia River.

Respect Yours,

S. J. Stevens

2 cards sent to

proprietor the

Com. Geo. A. Stebbins

platinum is found in you

& he says there are also

platinum bearings after

gold teller in town (gold diggings)





Ohio State Library.

Columbus, 23<sup>rd</sup> June 1879.

Hon. Thos. A. Edison.  
Menlo Park, N. J.

I have the honor to  
address you. Your letter of inquiry to  
President Orton, has been referred to me; in  
response to which I can offer to supply a  
complete set of Ohio Geological Report - consisting  
of seven volumes and maps - for the sum of  
Twenty-Five (25) Dollars. These books belong  
to my private Library; and are the only entire  
set I know of. A money order will be  
accepted. Hoping to hear from you favorably;  
upon which the package will be forwarded without  
delay, I remain

Very Respectfully &c.  
Miss Mary Harbaugh.  
Assistant Librarian.

Burnt Manor A.C.  
Surrey Co. Cal.  
Jan 24 1879

to F.A. Edison Esq

Dear Sir  
In reply to yours  
of Jan 4 I have  
to say that we are a  
good deal of Platinum  
found in this section  
Yours Respectfully

R.C.M. Homingford  
Burnt Manor  
Jan 24 1879

Burnt Bushal June 24  
PO McKinney  
and July 1, 29

can  
add of miners engaged  
in big  
What is your advice how  
to get metal from miners  
& would it be necessary to  
invent new process  
do they take gold out with  
mercury & if so do you  
think old purchase block  
sawd if we get process  
for taking out the metal

Skookumchuck WJ June 24/79

Wm. Beckwith  
and pay 7/79

want all inf. conget if can find  
a lode or placer dep of it  
will pay we will buy it &  
send man out

Skookumchuck Lewis Co. Wash. Ter  
June 24<sup>th</sup> 1879.

T. O. Edison Esq.

Dear Sir

Your Circular - of enqui-  
ry, relative to the metal Platinum,  
received - and in answer I will  
that I have mined in Cal. and  
know what Platinum is. I have  
likewise mined in this Terri-  
and have found particles of it with  
the gold in placer mining. I also  
know where it exists in consid-  
-erable quantities in quartz veins.  
I contemplate starting out into  
the Cascade Mts in a few days  
and will be a 2 or 3 months,  
and will prospect for Platinum  
and will send you some on  
my return, Any information

you wish relative to the  
formation of the Cascade  
Mts. if you will let me  
know I will give cheerfully

-ly,

Respect yours

Wm Packwood



W. Scott Beebe,  
Law and Collection Office

Portland, Oregon, June 3 1879.

Miles L. Moon  
Kalla Kalla

Dear Sir,

Having seen in the Paper  
that Edison had written a Letter <sup>to you</sup> asking  
information concerning deposits of Platinum  
on the Pacific Coast I would inform you  
that I am the possessor of a Gold Quartz  
Mine in Idaho T<sub>2</sub> which contains  
a heavy deposit of Platinum. I will  
sell it at a reasonable figure.  
If you wish to be informed.

[ENCLOSURE]

more fully as to location,  
terms, etc. I address me at  
Portland Oregon

Yours Respy  
Robert Alexander  
per S.

Portland Oregon 5/11/18

Robert Alexander

5/11/18



101839

Portland Oregon from the  
 Mr. M. C. Stiers Dear Sir yours  
 of 6 of this instens is at hand  
 I have no specimens of platina  
 at hand the platina does not  
 lie <sup>in sulphates in the rock</sup> it is a matter that lies on  
 the wall rock in the under side  
 of the quartzs lead this lead  
 that I have that contains the  
 platina is so heavy lead easily  
 worked the platina lies in  
 a thin sheet in the under side  
 of the quartzs lead the metal  
 is very pure and very white  
 some one thousand feet in  
 the lead it is in a nice and  
 situation for timber and water  
 suborge spring that affords  
 will never freeze up nor go dry  
 strong aptenty for millin  
 purposes

if the company wants to buy  
I will make my statement  
and they will have to send a  
examination agent with me  
to Idaho and I will show the  
Lead but I would want the  
conditions to be made that  
if I come to the terms on  
my part they would not fail  
me on their part.

I have other mines in Idaho  
that I will sell at reasonable  
rate I have another gold Lead  
near to the plateau also I have  
a silver Lead in the Banner  
District those mines I located  
some years since and the same part  
ation was two by to quiet me the  
money there to work them  
but the prospect is beginning  
to be gotten up if Mr. G. Goldie  
builds his Railroad by Bogary city  
then my money can come  
to Idaho at a low rate

There is some capital  
since there is a prospect of  
the Union railroad that  
that begins to talk of buying  
if the Rio Grande goes in to take  
it when that Road is made  
Idaho is the best Mining com  
try in America  
Yours in haste  
Robert Alexander  
To Mr W C Mears

Consulate of the  
United States at  
Lima, Peru June 24<sup>th</sup> 1877

Thomas A. Edison Esq

Dear Sir,

Your note  
of the 9<sup>th</sup> inst was duly received  
by Packet via St Thomas.  
I hasten to answer by first  
opportunity to you. None of the  
Islands named have been dis-  
covered in this Island although  
perhaps a trace may be found  
at the West end of the Island  
where a tolerably rich vein of copper  
has been discovered. The vein  
however is not worked on ac-  
count of the great distance for  
haul and the heavy cost of  
transportation to the seaboard.  
2. 11 — 2 111 d — 2 111  
Negro labor, cheap but not  
reliable 2. V Water is very

scarce in town we use rain  
water which is caught in  
large cisterns or tanks in the  
time of rain. In the interior  
the water is mostly obtained  
from shallow wells of small  
capacity these wells also help  
supply the Cattle and other ani-  
mals with their necessary drink.

I do not know about the  
other West Indian Islands ex-  
-cept so far that Bonaire to the  
east of us is the same as this  
in these respects, as also is  
Aruba to the West where the  
"Aruba Island Gold Mining  
Company" is working the  
Island for gold. Which is  
found in Quartz and some-  
times in the small cavities in the  
Island. I wish that I could  
give you some good information  
on the subject of your

Letter and am very sorry  
that I cannot. If in the  
future you wish of any in-  
formation or statistics I shall be  
happy to serve you.

Very Respectfully  
Your Obedt. Servt.

Wm H Faxon  
Consul

Read the copy  
of this in my pocket. Perfecting a  
title adds if you can we will  
give you will not then thank you

Curacao W.G.  
June 24 79

Wm H Faxon

Ans. Aug 17 79

Cerbat Mohave Co. Arizona 3y.

June 24<sup>th</sup> 1899

Thos. A. Edison Esq.

Menlo Park N.J.  
Dear Sir,

Your circular to P. M. has been handed to me & carefully examined the same and in reply will say:—There is many times seen among gold dust from our mines, scales of some hard bright mineral, and I have often supposed it to be a foreign or metallic scale of sulphuret or chloride of iron.

Still its tint or appearance quite firm and a trial or test might prove beneficial.

There are quite a number of "Gold Placers" in this country but very few of them are situated among the subjects of your opinion that a supply of this desired material which I believe Platinium could be had, and at a small cost, to begin with as the gold obtained will more than pay the cost of production. If you desire to form a consensus I will either purchase it for them or sell the claim with all the claims for \$5,000,000 in 1/2 for \$300,000 the same as water etc

a much higher figure, \$1500 will open  
 up a supply of both Gold & Platinum  
 that will be worth \$5000 besides  
 the Platinum which will cost you  
 nothing, being only part of transportation  
 to your laboratory.

I hope to hear further from you  
 on this subject, and shall be pleased  
 to answer any questions.  
 Will you please send me a list of  
 of your publications including Battery  
 miles, with directions etc.

And in return, please send  
 me a copy of your  
 Supt. Dairy, U.S. Bureau of  
 National Geographical Society  
 National Geographic Society  
 Washington, D.C.

Washington June 24

Wm. F. Floyd  
 and  
 Wm. F. Floyd

Wm. F. Floyd  
 and  
 Wm. F. Floyd

OHIO STATE UNIVERSITY.

PRESIDENT'S ROOM:

COLUMBUS, O., June 25<sup>th</sup> 1879.

J. A. Edison, Esq

Dear Sir,

A letter from you requesting information in regard to the Ohio Geological Reports came duly to my hands - being directed to the State Geologist. - My own stock of reports was long since exhausted. I endeavored without success to procure for you some set from the State House - but no complete sets are held for distribution. I finally placed your letter in the hands of Miss Mary Harbaugh - Assistant Librarian of State Library - who informed me that she had a complete set to dispose of. - I could have saved for you two or three of the volumes without charge, but the earlier volumes are now out of reach. It would have given me great pleasure to render a service to one to whom we owe so great a debt -

With great respect -

Very truly yours,

Edward Corton -

**J. M. KITCHEN,**

DEALER IN

**Trunks, Portmanteaux, Stationery, Pairs, Brushes**

YANKEE NOTIONS, &c.

Swing Station, Oregon, June 11<sup>th</sup> 1877  
Mr. T. A. Cresson.

Dear Sir

Your letter of information is duly rec'd & with  
loy in reply that I am unable to give  
you any information regarding the platinum  
inlets you are in search of as I have in  
the Willamette valley every year in my region  
where mining is going on therefore I am  
unprepared to give you any insight to your  
inquiry if I was so situated as to do so I would  
gladly do so as I think they are the light  
we need I saw some of them in S. F.  
when I was down they were at the  
Palace Hotel anything else you may  
need that is in my power I will assist you  
all I have hoping to again hear from you  
in the future I remain Respectfully

J. M. Kitchen

Swing Station  
Oregon

Handwritten note on the right margin: "I am unable to give you any information regarding the platinum inlets you are in search of as I have in the Willamette valley every year in my region where mining is going on therefore I am unprepared to give you any insight to your inquiry if I was so situated as to do so I would gladly do so as I think they are the light we need I saw some of them in S. F. when I was down they were at the Palace Hotel anything else you may need that is in my power I will assist you all I have hoping to again hear from you in the future I remain Respectfully J. M. Kitchen Swing Station Oregon"



Woodville Jackson Co. Esq. June 25<sup>th</sup> 1892

Dear Sir;

A friend of mine, the  
P. M. at Grants Pass, has just  
handed me your Circular Letter  
to answer, thinking that I  
would be better qualified to  
answer it than any one he  
knew, as I have been engaged  
in mining matters here for  
the last twenty years.

In reply I would say that  
Platinum is found in most of  
the Pleacer Mines on this Coast,  
but in no place in sufficient  
quantities to justify mining for  
it. I believe that I know of  
a ledge where the metal exists  
in the same manner as gold in  
quartz. An old Hunter and Trapper

told me of the ledge but a short  
time ago, and gave me directions for  
finding it, but I am in so reduced  
circumstances that I cannot even  
afford to spend the time necessary  
to go and prospect it without  
knowing what I can do with it.  
According to my information the ledge  
is about eight feet wide, and  
will yield from 10 to 15 of an ounce  
to the pound of rock, taking the  
lowest estimate, making a yield of  
200 ounces to the ton. An ordinary  
10 stamp quartz mill would reduce 10  
tons per day, and allowing 25 per cent. for  
loss in reduction, would leave 2000  
ounces per day net.

Now if such a mine exists what would  
it be worth to you?

An immediate reply will greatly oblige

Your humble servant

H. M. Chapin

Woodville Jackson Co.  
Oga.

J. A. Edison Esq.  
Menlo Park N. J.

If you will locate the mine & find it all right  
I will furnish capital put up stamp mill and  
give you 10% on every \$ mined How much  
money do you require to go & locate mine & get  
samples for assay 3 cards

Beverly Station Co. (England)  
 J. M. Nelson Esq

(New York)

To receive to hand to day  
 from roll here made money  
 credit for payment to you and  
 credit the same. Following  
 is a list of expenses as  
 near as I can estimate from  
 Stage fare to nearest point  
 to mine and back there  
 there of three days  
 Sarsaparilla 5 "  
 2 Ointment boxes 5 "  
 Patents for land 5 "  
 Miscellaneous expenses  
 Labor

Deloit  
 The mine is located fifty  
 miles from where a Company  
 can be obtained making it  
 necessary to employ some  
 for five days to build  
 the bridge over the river  
 I can advise you nothing  
 more concerning the mine  
 than what I have before  
 cannot change a word either  
 in any thing for it is my  
 by the effort someone that  
 I can support my claim by  
 & cannot make more of  
 the money? It is your  
 to send it, it will be my  
 time regard your money  
 if the mine is not worth  
 me with the same of what  
 you two get money and  
 if my time. If you send  
 money send with one week  
 happy to carrying in again  
 Wm. Please write if you  
 see if there is anything

I would be rather a cold good chance  
to locate a mine without knowing

He states what it will cost for yourself  
+ man to go + procure specimens of  
rock for assay after I have examined road  
+ find it OK I will send money to locate  
but I do not feel like paying out money!

We are receiving almost every day statements of  
plot mines which report of samples showing  
no trace of plot I do not doubt that

You have got real thing because you are right  
in plot region. I please how confident  
Your statements those papers.

These I want to send  
of next I want to know  
if

James R. Ruppel  
H. M. G. G. G.  
Hered water  
Egan

From one of the last and best  
of the gold mining companies  
of the West. I have  
been in all the gold  
mines of the West and  
I have seen many  
of the best gold  
mines of the West.

Lumby June 26th

Dear Sir Your note was handed to  
me by the P.M. at this place, wishing  
to gain some information as regards the  
metal inquired for will you please  
inform me as the proper way to tell  
it of its general appearance & also of  
its value or any information that  
you may feel willing to give &  
being a practical miner of twenty years  
but not paying much attention  
to any metal but gold & silver & I am  
not very well versed in this class of  
metals I would like to know whether  
the metal or ore is found in ledges  
or seams through granite formations &  
if I am gone on a prospecting  
trip to mountain shortly would  
Respectfully request and answer by  
return mail

Yours  
George M. Luce  
Lumby, Luster Co. Minn.

To T. St. Edisons, Menlo, Park, N. J.

Received of Mr. George M. Luce  
the sum of \$100.00  
June 26th 1880

Casden June 27, 1879.

Thomas A. Edison Esq.

Dear Sir

I received a letter from you some  
time ago relative to a Geological  
Survey of Ill. I have been making in-  
quiry & should not have been such a long  
time as about 1839 or 40. by James G.  
Booth Esq. Geologist & Chemist of Ill. It  
also perhaps you can give such information  
as you want. I do not know whether it  
was ever printed or not, or where a copy  
might be found. Hoping you may succeed  
with your researches

I am Yours Respectfully

C. W. Sharp Chairman

Com. State Geol. Surv. Ill.

J. C. AINSWORTH, President.  
S. G. REED, Vice President.

G. J. AINSWORTH, Gen'l Supt.  
T. H. WYGAN, Secretary.

## Oregon Steam Navigation Company,

OFFICES CORNER FRONT & ASH STREETS.

Portland, Oregon, June 27<sup>th</sup> 1899

J. A. Edison  
Palo Alto Park, Cal.

Dear Sir

I have your letter of May 26<sup>th</sup> in relation to the chemical telephone. Should any advertisement be made or circular be issued about them when they come in to market, you would confer a favor by sending me one.

As regards the platinum, small quantities of that metal can be obtained here. It is not mined at present and the amount procurable will depend on largely upon the price offered. Please let me know how much you will pay per ounce for platinum delivered in New York.

220 per oz - large quantities  
willing to pay on found more plentiful  
than hitherto this price  
will hardly pay  
this is price at which  
sold on Detroit River  
where 800 to 1000 lbs sold  
annually

Yours truly,

G. J. Ainsworth

Will send full inf abt telephone  
When it comes out





Independence, May 6, California  
June 29<sup>th</sup> 1879

Thos A. Edison Esq  
Dear Sir

The  
P.M. at this place gave me your  
letter of enquiry in regard to Platinum  
to answer - There are only two places  
in the state - so far as my knowledge ex-  
tends where this metal exists in sufficient  
quantity to pay for mining - One of these  
localities is in El Dorado and the other  
in Nevada County - In both localities  
the placers were exceedingly rich in  
Crane gold. Nuggets of several thousand  
dollars in value being not infrequently  
found in the Nevada C. Stream and  
adjacent banks - The party who  
struck the Platinum in this latter place  
supposed they had discovered what in

Mexican parlance is denominated "Planchas de la Plata" or silver Planchas - The Metal was found in Nuggets of several pounds weight and in spite of the fact of its being much harder than silver, perfectly infusible in a blacksmiths forge yet freely Malleable by being beaten on an anvil - It never seems to have entered into their heads what the Metal really was or that it could be anything else than silver, <sup>as they supposed</sup> alloyed with some other Metal which gave it these Speculiarities until ~~to~~ solve all doubts, a piece was taken to an assayer some 40 Miles distant and tested for silver alone. No trace of that Metal being discovered in it the parties went on with their work at gold Mining and covered up the Platinum separate with their tailings - And thus the Matter has rested ever since - Except that the assayer with one or two friends afterwards spent Months in that locality without intimating to any one the object of his visit and without finding what he was undoubtedly looking for -

In Eldorado Co. Nothing larger than  
grains are found in an old worked  
out gold placer containing so little gold  
that the tailings with the platinum grains inter-  
mixed remain to this day where they were  
deposited from the Rockers Combs & Oliver

With judicious Management this claim would  
yield from one to three oz per day to the land-

In getting all the data in relation to this  
claim I should have to consult a gentle-  
man in Nevada City - Nevada Co Cal. The  
other is owned by a gentleman in San  
Francisco - Both prospects can be de-  
scribed without cost except the trouble and  
expense of examination and relocation for  
the purpose of taking in a larger area -

Our party - The gentleman referred to myself -  
will attend to all these matters and the working  
of the claims also if we are furnished the  
means for that purpose and deed (19/20) Miners  
two tenths of such Location to open Organization, if  
you see fit to form one - I refer you  
to H. Ballouard 425 19 Broad Street  
New York City in regard to myself -

Fare from Philadelphia to Paris 40.00  
 Tickets to London City - Two Men - 20.00  
 Passage to Minor & Return 24.00  
 Passage City to Minor in 2 Months }  
 C. and expenses for Minor } 25.00  
 Return Ticket to Philadelphia 55.00  
~~Paris~~ ~~London~~ ~~Minor~~ } 150.00  
 (London, Hotel bills, etc.)

Can secure best passages in good  
 shape for a Company for the  
 above amounts - with the under-  
 standing that our party of three  
 individuals will be entitled to 2  
 the remaining amount of all interest  
 in each

Wm. L. Phillips

Independence Bldg & Co  
 June 29, 74  
 Wm. L. Phillips  
 and July 11, 74

My respectfully  
 Yours &c  
 W. L. Phillips

I will send you what I can in July, unless  
 you get 2 or 3 leaves back

49 cents as to July Court sends you of  
payments and I have found the trail of  
of mine it might be well to see if there is a promise

It is hardly my decision  
without it was plentiful I was  
the mine have some day in  
your opinion - thinking good

Placer

It is the same as when  
except together people  
that is much in large  
place of a large of  
that was first to be  
I estimate the offer  
to assay to see



Mr. Edison Sen.  
in answer to your  
correction making inquiry  
in regard to Platinum  
old miners say there is  
considerable of it to  
be obtained in this  
vicinity and I wish  
you to let me know  
how much you will  
pay an ounce for it

Yours

J. Williams  
P.M.

San Pedro Cal. August 30, 1914

J. B. Williams  
August 29, 1914

Whitcomb Co. Mo.

My dear Mr. Williams,

to amalgamate & also furnish the  
apparatus to parties who gold in  
bands for night of all plat  
that will be beneficial to both  
parties. I want to see all the  
of plat after all the metal such as osmium  
gold with rhodium & iron  
have been separated the ores from that region  
then only remains about 50% of  
plat. The rest for Colombo & A.  
is also for \$42 to \$45 - a lb but is quite  
pure having 90 to 95% fine plat  
& no dig in quantity. The of dig with Cal  
ores cost all platinum's metal & they are  
so nearly alike it is one of our big problems  
in Chem to separate them.

Laboratory of  
Thomas A. Edison  
Menlo Park N.J.

June 30<sup>th</sup> 1879

O. Engle Esq.  
Paso Cal<sup>o</sup>

Dear Sir

Yours of the 18<sup>th</sup> is just at hand. I enclose sample and

of platinum + iridosmine please  
give me the addresses of parties  
Mining near you + greatly  
oblige

Very Truly  
T. A. Edison

~~Send some of the~~  
ask him if he can get quantity,  
Oregon platinum worth one dollar of  
California Plat from dead rock by doing  
ask W for information

about 150 to 200 lbs  
Hos. A. Co. (see Aug 30-1878)  
J. H. Willard of this place  
has about one ounce of  
Platinum, give O. Engle  
P.M. 12-



Igo Cal <sup>July 20 79</sup>  
O Engle  
Gives Address  
Wrote W <sup>Aug 5 79</sup>

Spring Valley Mining & Irrigating Company.

Location of Mine & Shovel Butte Co.

Chico, June 20 1879

White Sulphur Springs  
Tenn. Mass. Feb.

Dr. Edwin Esp

My Dear Sir

Your letter of 21<sup>st</sup> inst came tonight  
and I am sorry that I am unable to answer satisfactorily  
the inquiries you make

We mine by the hydraulic process and use thirty or thirty million gallons  
of water each twenty four hours, this is thrown against a bank of  
dirt averaging about three hundred fifty feet in height, the water being  
propelled by a gravity pressure of about three hundred feet, it tears  
down the bank and breaks up and disintegrates the masses of  
earth and flows away in an immense torrent absolutely  
saturated with carbon and sand, it is conducted for a distance  
of about two and a half miles in flumes which have an immense  
grade to enable the water to carry a greater amount of dirt,  
and is then dumped into the pass and flows out to the  
valley of the Sacramento - two miles from the lower end of  
our flumes the valley is filled up about eighty feet deep and  
half a mile in width =

Now you can understand from the above we have no  
method of separating the black sand, or of even ascertaining

How much there may be of it = after running a pivot of water and dirt through one of these flumes for perhaps three months we turn the water out, and in cleaning up find a large quantity of black sand mixed with gray quartz sand, but of course large quantities must have passed through with the dirt during the three months run, every day or two during the running of these flumes a little quicksilver is sprinkled in ~~from~~ along its whole length and being so heavy it works its way down through the moving mass of sand with which the flume bottom is always covered, collecting more or less gold and finally sinking into the interstices of the stone paved bottom = when we clean up we gather this quicksilver, strain out the gold amalgam and find always more or less platinum etc, sticking to the amalgam - we also gather up more or less black sand which we find contains gold with an oxidized coating which will not readily amalgamate, this we grind in an ordinary silver pan, and it pays very well  
→ Now I will answer your question "generation"

1<sup>st</sup> - You will understand from the above that black sand after it leaves our flumes is more hopelessly mixed with debris than it must have been in its original strata in the bank

2<sup>nd</sup> We would be glad to try a process for collecting the platinum that possessed the same facilities for saving it that mercury does with gold, provided of course it did not interfere with our present method of running for gold, whether it could be obtained in sufficient quantity to make it <sup>pay</sup> or not, I could not say,

Spring Valley Mining & Irrigating Company  
Location of New Cherokee Ditch Co.  
Cherokee, 1871

White Sulphur Spring  
S. C.

3<sup>rd</sup> There is a large quantity of black sand but I do not suppose we save an ounce in a ton, we get only what may be left in the sluices after the water is turned off.  
4<sup>th</sup> To <sup>me</sup> I think the company will give you all the sand saved after it has been worked for gold and I will send you the 75<sup>th</sup> as requested, though I very much question whether it will contain much platinum after the elver jar process.

We use from eight to ten tons of mercury all the time; but I scarcely think you can find a substitute for it, though I have so far defied <sup>you</sup> to what you have already accomplished as to say "heavily over" in our business, for gold saving in hydraulic washing, the material which will combine with gold, must be of great specific gravity, in order to sink the fine particles quickly, through the running sand, any thing lighter than mercury would be less valuable than that metal, anything heavier would be superior; - but if you have discovered a substitute for mercury which is cheaper, I should think it might be utilized on the "em stock" where you stated when in the court as they amalgamate in pans and their precious metals are not subject to the same chances of washage as ours -

I take the "Scientific American" and saw their article on your "Photograph"

tell you when it was printed, it is truly wonderful and yet so simple, what I wished was simply one of your Carbon transmitters to work with a Phelps receiver which I already have, am afraid I will not be able to indulge in the luxury of a 'Chemical' when they come

Now in reference to Platinum - about fifteen or more years ago a man prospecting in the mountains in this county for gold, found a lead of metal, which from the description, I but pretty confident ~~must~~ <sup>is</sup> have been platinum, he said he carried one or two packs of ~~it~~ <sup>the ore</sup> down the ravine to where he found water, washed it out and obtained four ounces of a heavy metal in shining white scales, then he took to Orville to a chemist there, who tested it with a blow pipe and pronounced it that metal, he says it turned brown under in lime heat but would not fuse, and I think there is no question of its identity. - since I sent you the sample, I have had a man up there prospecting, but he found the gulch filled in about six or eight feet with earth and debris washed down from above, and was unable to get down to the lead, provided there is one there, which I believe to be the case, now this is rather an uncertain business to expend much money in but if you are not able to obtain your supplies elsewhere, and are willing to have this place prospected at your expense, I will furnish you references that will be satisfactory, and await for you

I am very truly yours

Louis Glass

Charles C. Smith  
Louis Glass  
Nov 15, 1871

Victoria Oregon  
no date

W. H. H. H.  
another B. 24

it was found at  
Cape Blanco in Clatsop Co  
Oregon when I was mining  
there on the Beech diggers  
in 1854 W. H. H. H.

Do this mine get found - and  
does he ~~think~~ <sup>think</sup> it will pay  
to mine it

Astoria - Oregon -

Graysen Cal June 1879

Dear Post This is not a mining region  
since there is none of the metal spoken of  
is found here - but I judge there is places in  
this State where it is found in small  
quantities - I have mined a good deal  
all over the State but cannot recall to  
mind any locality where the metal  
abounds - breaking your success in your  
Electric light <sup>now</sup> enterprise I am

Amos E. Jewell  
P.O. Box 200  
August 16 79

The best ore is black  
and mixed with gold  
or lumped with black and  
of the gold has been taken  
out by mercury. So you  
think there would be any dif-  
ficulty in getting this ore  
after they have got the gold  
for it especially by mining  
people

Yours truly  
J. M. Woodruff  
J. M.

Port Oxford Curry Co Oregon  
- Tho. A. Edison - *Amore sui*

- There can be Platinium  
- got here in very small quantities, there being  
considerable mining done at certain seasons but  
people find no sale for say 2 to 3 ounces <sup>at a time</sup> and  
therefore have taken no pains to care it up -  
- The market at present wishes 5 to 10 lbs  
in a Lot before they will purchase some. -

I am very Respectfully

Yours  
Allen D. Wolcott P.M.

*Pls. advise what  
they pay for it in  
P. F. Remondano  
mine*



Port Deposit Ar  
(no date at July 1, 79)  
A Swolcott  
and July 14 79

Washington Mill,  
Crushing and Sampling Works,  
Clinton, Barlow & Co.  
Dundas in Silver & Lead Ore.  
Georgetown, New York Co. N.Y.

Lake County Mill,  
Crushing and Sampling Works,  
Sellers, Barlow & Co.  
Dundas in Gold, Silver & Lead Ore.  
Leadville, Lake Co. N.Y.

Stiver Plains Mill,  
Crushing and Sampling Works,  
Works of Stiver Plains,  
Franklin, Barlow & Co.  
Georgetown, New York Co. N.Y.

Leadville, Colorado

E. A. Edison Esq.,  
Marble Park, N. J.

Dear Sir:-

Yr. favor of 24<sup>th</sup> is at hand. They wash for gold in the immediate vicinity of my mine and will probably make a clean up in three or four weeks, I have spoken to the owners of the placer and I am to examine their pans for platinum before they make their final operation. I shall put an article in our leading paper directing miners to searching for the mineral and I shall also endeavor to get into communication with some of the Summit County miners.

Can you inform me of the market value of the black sands which you see from California? Very respectfully,  
Franklin Barlow.

Do you mean  
- gold or black  
- there is no  
- for gold - it may  
- any for top  
- I have just finished  
- quantity of taking  
- it seems a  
- without need last

Spring Valley Mining & Irrigating Company.

Location of Mine, Cherokee District, Ga.

Cherokee, July 2<sup>nd</sup> 1874.

White Sulphur Spring  
Louisiana, Ark.

F. A. Edison Esqr

I send you by Wells Fargo, & Co  
express today, box of sand and gravel  
- the center compartment, is unworked sand  
as it comes from the flumes and I think you  
will find platinum in it - the outside  
division of sand has been worked through  
the amalgamating pans - the other is our  
blue-gravel or best gold bearing strata and  
is probably also the strata from which the greater  
portion of the platinum is derived - the  
specimen is quite a pretty one, the face of the  
lump when it was detached from a large  
boulder, showing free gold quite plentifully,  
and I thought also scales of platinum, though  
I had no magnifying glass and it may be  
mica or quartz - I have packed the box  
carefully and hope it may reach you intact  
Very truly Yours  
Louis Glass

Will take all you can  
I will take all you can  
I will take all you can  
I will take all you can

Large quantity  
Large quantity  
Large quantity  
Large quantity

Species  
Species  
Species  
Species

It has been  
It has been  
It has been  
It has been

Can you  
Can you  
Can you  
Can you

Will take  
Will take  
Will take  
Will take

17 July 1879  
Merrill Thomson  
and July 11 - collected

Room 4 Nevada Block  
San Francisco Cal July 17 79

Prof. S. H. Edson

Mexico Park N.Y.

Dear Sir

Yours

of June 20th just received. In reply  
I would state that I have but a  
small quantity of the platinum ore  
on hand - a sample of which is  
herewith enclosed - but I can obtain  
a quantity if wanted. I could  
not be sure however of collecting  
together so much as you require  
annually. It would have to be ob-  
tained by purchasing it in small quan-  
tities from the beach mines along  
the northern coast. Probably the  
required quantity could be secured  
by commissioning traders at various

tours along the coast to purchase it  
from the mines the same as they do  
their gold dust. The two metals are  
collected together in thin slices, and  
no pains are taken to save the plat-  
inum ore, but rather to get rid of it  
as it is esteemed a nuisance, there  
being no market for it there. A price  
set upon it and a ready market (say  
at 75¢ per oz) would induce them to save  
it, so that 1000 pounds per annum could  
be collected.

I think the sample I send you, which  
is a fair sample of that obtained in brack  
mining, must be more pure than the  
Ruthian ore you speak of. Bring  
collected with fine gold, you will find  
some quicksilver and gold (amalgam) in it.  
There is also a little iron, and probably  
some osmium, but I think the most  
of it is platinum and iridium, a com-  
bination which I supposed would be es-

pecially serviceable to you on account of  
the hardness and high melting point of  
iridium, in which respects it is supposed  
to be the superior of platinum steel.

I will thank you to let me know  
the result of your analysis of the  
sample. - I should think that with  
the aid of electricity cheaply gener-  
ated as you propose, platinum ore could  
be more cheaply refined than heretofore,  
thereby bringing platinum into more  
general use in the arts &c

Very Respectfully

Gentle

James Thomson

Spring Valley Mining & Irrigating Company

Location of Mine & Works Bull's Cr.

Wells, May, Deane  
Lomb, Shaw, York

Chester, July 25<sup>th</sup> 1879.

F. A. Deane Esq.

Dear Sir

I have just received your letter of June 20<sup>th</sup> in which you acknowledge receipt of samples of ores.

Now say - "there is not least fifteen or much gold in your samples no there is platinum and iridosmine

Do you intend then, to apply to both samples? of course gold being so heavy, it is difficult to entirely separate small particles of the amalgam from the Platinum scales - or I simply worked it down in gold pan.

The four ounce package which I sent you, I thought to be composed almost entirely of Platinum iridosmine or perhaps the fine Indian, with of course sand and gold.

I would very much like to know exactly what the last named package contained, its value per ounce etc. as I could then form some idea

of the our ability to sweat in parsing  
quantities.

Very truly

Louis Mass

Charles Col  
Louis Mass

and July 4, 19  
acknowledged

Calpella. Mendocino Co. Cal. July 3<sup>d</sup> 79

D. A. Edison Esqr.  
Minto Park

Dear Sir!

- Yours of the 23<sup>rd</sup> June  
duly at hand. in reply to your questions say,  
1. the Deposit of Gravel is large, as much as 50  
Acres, covering some 1000 Acres of Land.  
2. My Estimate of finishing Ditch would be  
\$ 15000. to \$ 20000. but carefully managed may be  
3. Placer ground, and the depth varies, and  
is from 350 feet above the Gulch and no  
Bedrock has been found as there has not  
been any shaft sunk, and therefore only  
can give pay gravel above ground or  
above Gulch, pond Banks are as much  
350 feet high all prospecting gravel  
but is in places, from 20 to 350 feet high  
4. This is our dry Season and there  
is no Water near the Gulch to wash



Travel and in order to get a lb black sand  
would have to carry gravel to River  
Mill in sacks and then wash, which  
can be done, but I should have to  
employ hands to do so, which would  
cost me some money. I have a Pan  
of stuff washed, but near all Black  
sand out, Black sand is in large quantity  
I enclose the same, don't know if you  
can judge from it, but should you  
desire of getting the above work done  
I shall do so if you forward Expenses  
for so doing.

I know of one fact, a  
prominent Paper and Mining expert  
declared, 3 years ago that, there was  
Platinum enough among the Gold  
to pay for working his claims at  
J.B. Robinson, and at one time was  
was expert for. O'Brien & Co. San Francisco.  
I think he is now in Mexico.

The Property of the Company  
who commenced the Litch, and  
who failed, will be decided by:

the 20<sup>th</sup> of any, and then I think can  
be gotten, has been in Court under  
attachment, but will be in your  
order - I think by that date.

There is a large tract  
of land what prospects alike, and the  
only difficulty is, that this section of  
Gentry never has been prospectors for  
Mining, as it is out of what California  
and Mining Belt, there is no Mine  
in this whole section of Gentry, and  
the Mines mentioned, are the only ones  
ever have been found, had the co. who  
commenced the Lilet have had Money to  
finish the Lilet. I am positive this  
section would have been better pro-  
spective, and from all my Knowledge  
of the game made Money.

I, am a poor man, and should  
you be able to get up anything of  
an Enterprise, I would like to have a share  
in the game, as I have a great faith  
in this Mining Enterprise.

The Gold is very fine

Capilla Bay Sep 9 70  
P.R. Klein  
and July 14 71  
1870

The ampersand  
judging to the amt of gold  
to the amount of gold  
there I hardly think it  
W'd pay to mine for year alone  
the gold is in such great masses  
I said so. For you to hire a man  
to follow some ampersand which  
you may need by 1/2 or 3/4  
for about 1/2 lb of the water tank  
abt 20. 20 lbs of the ore and only  
good that I sent was 2 pounds  
to show color. But my mother's  
washed away to that general  
of the 2-1/2 lbs will be hard  
to have the man dig into  
how much water tank was  
washed to obtain the 2-1/2  
pounds. The ampersand was  
The Pan Am Pan Am  
all 147 abt 1/2 lb of gold  
I suppose you have seen the stuff they have  
I want the Pan Am Pan Am

Very truly  
P.R. Klein

as you will see from Sample and. I do  
not know if there was a trace of Platinum  
safed, in washing this Pan, but you will at  
least inform me if there is any signs in the  
course of Platinum. I can give you all the  
information concerning the ground, and  
if you do think that you want the  
land, I can employ a party to  
x carry gravel & forward it.

any  
I am sure in that case  
I can give you all the  
information concerning the ground, and  
if you do think that you want the  
land, I can employ a party to  
carry gravel & forward it.

present Professor in  
Chemistry at  
I am sure in that case  
I can give you all the  
information concerning the ground, and  
if you do think that you want the  
land, I can employ a party to  
carry gravel & forward it.

Laboratory of  
Thomas A. Edison

Menlo Park, N.J.

July 31 1879

A. Loveland Esq  
Tendall Cal

Dear Sir  
Your favor of the 18th was duly  
rec'd. I have had one or two letters from  
your County stating that platinum was  
found in the black sand which was washed  
for gold. Please give the enclosed cards  
to old miners and if any further  
information please forward. I oblige

Very truly  
T A Edison

Post Office, Mendocillo Cal July 18, 79

Mr Edison I am informed that in the  
North Part of the Humboldt County that Platinum  
is found in the black sand in considerable quantities  
in the vicinity of Gold Bluff Address the Postmaster  
on the Gold Bluff Mining Company at  
Divided Humboldt Co Cal Respectfully  
A Loveland Postmaster

Specimens of  
black sand  
for the purpose  
of the  
gold  
mining  
company

Kendall Cal  
July 18, 79  
O. S. S. S. S.  
Wrote for proof  
in Co Aug 29

N.Y. July 29<sup>th</sup> 1877

150 R  
Mr. Thomas A. Edison

Dear Sir,

There occurs in the vicinity of this place a Metall, of whitish gray color it is hard and in the shape of scales, which is by some miners claimed to be platinum, unfortunately the mines where it occurs are not very rich in Gold and are worked out or abandoned, the specimen I had, I give to an California Geopark for to find out what kind of metal it was, but he never let me know what it was, I will try to get some if possible, and send it to You.

There is also a Quartz Lode here which, According to Professor Sanders contains platinum

If You desire a specimen of this ore I can get it for You.

Yours truly  
Carl H. Daniels

Hill City, Mo. July 3, 1919

Carl H. Hamilton

and July 14, 1919

I am your two sample card  
1 of which per handsome form  
I would be under obligation if you  
would send me thru mail ~~some~~  
or by air mail for please mine  
Conty these cells & also some  
of one from quartz mine which  
is said contain plat & any other  
samples looking up for perhaps  
we could something

Roseburg July 3<sup>d</sup> 1879.

Thos A. Edison Esq  
Menlo Park  
N.J.

Dear Sir:

Referring to your recent circular letter respecting the localities where platinum is found, I have the pleasure to inclose the printed letter of Mr Huntley which will give you the desired information so far as it goes.

The mine (gold) of Mr Huntley is situated near the mouth of Rogue River on the Coast.

I have made good many inquiries of persons from the mines in Southern Oregon since receiving your said letter, and they informed me that there were several places in Jackson and Josephine Counties in which said metal is found.

If I can assist you any farther I shall be pleased to do so.

Very Respectfully  
G. W. Kimball

will give you \$1<sup>50</sup> for 1 oz or a million  
but one sample and if it does contain too much  
iridium send on by Ex CO2



Roadway Dr. 2/27/79  
G. W. Kimball  
and July 4, 79  
see note Hankin

H. C. Conrad  
and July 1874

Big Oak Flat <sup>Calif</sup>

July 4 1875

Mr Edison

Dear Sir  
in answer to your  
subscr. of enq. inq.  
four the metal plates  
are - as its existance -  
I will say that in  
traveling to each the  
country of Alpin son  
years ago I found in  
a creek some white meta  
L - which did not no not  
use four at that time nor  
do I to this time unless  
it is what you seek; and  
yet I am not Positive as to

it not being some other  
kind of metal they  
seemed to (see a great  
quantity of it?) this  
was found on some  
of the tributaries of Walker  
River = I have thought  
many times of going  
there to see but had not  
it distant from here  
some 400 hundred miles  
make it most too far a  
way - to spare the time  
to go there as I don't  
see any more in that part  
to refer you to -

I have not one or two to me  
a point it they new of it  
being there but as to it  
usefullness they did  
not know

was it Gold or silver  
I would now direct  
but strange metal is a  
blind flow me -  
I am a miner at present  
and how don't you know  
or less four or five years -  
is this any of such minerals  
that comes of use to you  
that you could describe  
and how long when found  
I am as a general thing  
pretty well known in  
the mines; as I must  
work on my farms a  
bridge it made me  
know a gametic than  
I would otherwise  
have been

agewis -  
H. A. Conrad

If you wish to ask  
any question or any enquiri  
ation ~~not~~ he given I  
will answer any or to  
the best of my knowledge

Your surkles was set  
to the fastmaster and I  
saw it yesterday  
you would say what the  
value for or, is

my Address H A Conrad  
Big Cat Flat  
Tulome St

C o l  
of  
1, but 99 for some  
and 100 for some  
and 100 for some  
and 100 for some  
and 100 for some



Rio de Janeiro,  
July 4, 1877.

Mr. Thos. Edison:

My Dear Sir:

In reply to your letter of inquiry of May 26, I have to say that platinum has been found at various localities in Brazil associated with gold in gravel deposits. So far as I am able to learn however it has never been mined to any extent. Whether this is due to the smallness of the quantity in the deposits or to the lack of enterprise of the people I am unable to state. If any further facts in regard to the matter come to my knowledge I shall take great pleasure in communicating them.

It may be gratifying to you to know that  
your name is very widely known in this  
country and extraordinary interest has  
been manifested in your inventions.

Please call on me for anything in  
which I may be of service to you.

Yours very truly

Charles A. Deely

I was that fellow of a plot for Brazil  
is ship to land these houses  
- Rio de Janeiro we would like find  
no merchants who ship this on  
perhaps whole of it comes from my  
mine & plans

Myself - J. A.  
James B. Hall  
and J. A. M.

New York July 5<sup>th</sup> 1879

Thomas A. Edison Esq.

Sir,

After reading an article  
in the days Herald, I find  
that you are inquiring in the  
product of Platinum which  
may be found in the U.S.  
I am an old miner and in the  
year 1854 I was mining on  
the bank of Oregon near  
the Rogue River and I found  
Platinum Rhodium and like  
heavy metals scattered through  
the soil to some extent.  
We could only save it on  
the tail of the sluice on a  
blanket, as it would not  
amalgamate with quicksilver.

like Call. The use of his means  
was not expected in here,  
As I take great interest  
in your great undertakings  
I think this information, in  
the same use to you, and  
you should want any more  
information I shall be  
pleased to give you with  
your consent.

James D. Cook

1104 Pennsylvania St.

Philadelphia, Pa.

what proportion of flat & good are  
these plants of material

I am in some at a distance with  
and do they think it by itself or  
with dirt in these circumstances do you  
think we could find it



Hammarville July 5. 1879.

Dear Sir

J. Thomas O. Edison Esq.

Dear Sir - In reply  
to yours of 22<sup>nd</sup> June I will state  
I have written to parties on the  
beach, but have not heard from  
About 10 years ago 2 of my sons  
mined at the beach near Requillo  
River and I know they sold  
at one time 80 ounces of Platinum  
which they found in the fine  
beach gold & silver mining is  
done on beach yet besides this  
there is considerable mining done  
at Randolph black sand mine  
but I am unable to say any  
thing further. If I should hear  
any thing I will let you know.

Ask what they sold it for  
per oz - who they sold to, how  
much platinum - weight  
to the gold found &  
was platinum better in  
some places than others  
in the places mentioned.

Yours

Very truly

Henry Schroeder

H.S.



Villa Creek Coln

The McInnes  
wrote addresses  
given Aug 1 27

Custom House, New York,

UNITED STATES PUBLIC STORES.

402 WASHINGTON STREET.

July 7, 1879.

Dear Sir,

I called the attention of an old miner to the article in this day's Sun on the subject of Platinum. He says he worked in one or two mines in this State where metallic ores were being extracted and that he knows that platinum abounds in them and indeed to such an extent that the quarrying of the ore was abandoned because the platinum prevented smelting. He is a man of very extended experience and quite familiar with mining in this Country and Europe and intelligent. I urged him to go out and see you, but he is to start this evening for some place in Maine, whither he is going

No. of Enclosures

P. I. He desires me to  
add that, if you wish, he  
will, on his return, procure  
you some of the ore so  
that you can subject it to  
assay and determine its  
richness.

Captain

18

Custom House, U. S. Public Stores,  
NEW YORK CITY,

and pay 5¢  
for the use of the stamp

W. J. 11  
P. I. 11

in the interest of some Capitalists who are  
investigating the value of an alleged  
discovery of Silver. He will be absent  
about two weeks and on his return I  
will be happy to send him to you or will  
secure you an interview with him here  
if you deem it worth while to look  
into the matter. He says one of the  
places is quite contiguous to this City  
and that the presence of the platinum is  
known to several in the City. James W  
Bennett is the man's name and he can  
be addressed at 46 Raint St or in my  
care.

J. M. Edson  
Miner's Park N.Y.

Yours &c  
C. G. Rankin

OFFICE OF  
New York & Colombia Gold Mining Co.

No. 21 PARK ROW.  
New York

New York, July 7<sup>th</sup> 1879

J. A. Edison Esq  
Muelo Park St  
San Luis

Having read your article  
in to day's "Sun" allow me to state that during a  
recent visit to South America in the interest of the  
above mining company, I learned from reliable  
Sources that platinum is extensively found within  
a short distance of the mines of this Company

From the sources of information of the country  
I am confident that with a reasonable outlay I can  
find the metal in considerable quantities in a district  
where mining facilities are abundant and labor  
cheap. In consequence of the great abundance of gold  
my attention has been given to platinum

Should you desire <sup>further</sup> information with a view  
to prospecting the locality referred to please address

Edward J. Ogden

My dear Sir Referring to my acquaintance with you, I have to state that I have  
known Mr Ogden for upwards of forty years and have done much business with him and  
know that he is a thoroughly reliable gentleman and of great experience in mining and  
also that he has visited and examined the gold mines of Colombia quite recently.  
I have no doubt but he will be able to give you valuable information such as  
I am able to give you, and I know that his statements may be implicitly relied upon

W. J. M. Wilson, formerly Dist. Engineer of New York &c. &c.

DR. CAMPBELL,  
AURIST.

135 West 11<sup>th</sup> St.

New York, July 7<sup>th</sup> 1879  
J. N. Edison Esq  
Dear Sir

The accompanying specimens of gold, silver, tin, zinc, &c., were obtained from native ore, by a skilled Metallurgical Chemist of this City, and given by him to me in 1872, when I was thinking of paying him in the locality of the mine.

The article in the Sun of today recalled the matter to my mind. Probably no one else myself is aware of such a deposit, and but for the article alluded to

I doubt if I should have been  
satisfied with it, but after reading  
the sum, the words by my hand  
I placed across my mind. It  
is but more valuable than the  
gold are the deposits of  
Platinum which also exist  
there. See, here are the re-  
sults of an analysis I  
made of a small quantity  
of the Ore. Show them to any  
one you please, by my  
process <sup>daily</sup> a few stamps,  
say, can Chemically gain money  
there daily."

My friend the Chemist  
is dead, but for me only did  
he reveal where the Platinum  
could be found. That is all  
that I can tell you. The  
accompanying samples  
were extracted from the ore



Box 4

DR. CAMPBELL,

AURIST,

170 LEXINGTON AVENUE.

New York, 187  
If the precise location  
of the point, would be  
worth any thing to you  
let me know, and how  
much. Otherwise please re-  
turn me the specimens -  
Very respectfully,  
Dr. J. Campbell

New Haven July 8, 1899

7 Haven  
Chas. Morison  
ans<sup>d</sup> July 9 '99

Mr. Edison  
Dear Sir

I notice in yesterday's news-  
paper you are reporting as ~~dedicating~~ a search  
for platinum, and have issued a circular con-  
cerning it for the information of parties inter-  
ested in mines and mining. As you are proba-  
bly pretty well posted about the natural  
home of the metal in question (and as I am  
not, and would like to be) I would submit  
just a few suggestions, not to claim an ac-  
know- though I may say that your reply  
would gratify me, if agreeable to yourself.

First - may the ore of said metal be reasonably  
looked for in a vein of iron pyrites which yields  
a very little gold?

Second - Is it likely to be associated with the ore  
of silver lead veins?

Third - Or with gray copper carrying silver and  
gold, and little iron?

Fourth - Or with veins of magnetic iron, in a  
highly mineral region?

Fifth - Or may it be found in veins of graphite?

Sixth, and finally, may it be found in the ore of  
molybdenum? I know of these veins in

different parts of our Atlantic states  
and of the parties who have been, and  
I think now are, interested in the  
same, most of which veins are not  
yet worked at all.

I had an offer to share, instead of  
Niobylithium, but found that almost  
the only use of it was in the art  
of dying, and, that for this, a very small  
quantity would supply the country for  
years. If you should see other and  
important uses for this mineral per-  
haps you would be willing to com-  
municate the same to me.

I am not a "scientist", but would  
be willing, and glad, to contribute  
effectively, if I can, to facilitate your  
search, and this, on every account,  
— my own not excepted.

Much of respectfully

Yours Charles Mormon

145 Elm St

Goffin's American Geographical Establishment.

MAPS, ATLASES, GUIDE-BOOKS, &c.

No. 172 WILLIAM STREET, NEW YORK.

G. WORTH COLTON.

CHARLES R. COLTON.

LESTER A. ROBERTS.

New York, July 8, 1879

G. W. & C. B. Colton & Co.

To A. Edison

In reply to yours of yesterday  
the largest maps of Pacific Coast are here  
are

Atlas Nevada & California 24x35 2.00  
Atlas Oregon & Washington 26x37 2.50

We have on our part of British Columbia  
nothing of more -

The above are in pocket form - can be  
mounted on cloth <sup>or</sup> for Great Maps, if de  
sired, additional expense is 1.00 each. -

We have other maps of this Pacific Coast -  
smaller <sup>18x27</sup> size, at 75 cents - They are  
quite as accurate as those of better in material  
(and appearance), but not on so large scale & con  
sequently less in detail. -

There is also a larger map of both of Nevada &  
for sale - price 1.00 - ~~1.00~~

G. W. & C. B. Colton & Co.



Geo W Hall  
Awd July 11 79.

No 35 Allen St

New York July 28 79.

T. A. Edison.

Sir: - I have sent one  
of your platinum cards to Ransom's  
Brooks N. C., where the block stand  
I have you came from, and if there  
is anything like it in that vicinity  
I will soon learn of it; but I doubt  
its being found there in paying  
quantities, if found at all.

A friend of mine it is has scoured  
the Eastern States for gold and silver  
says he never saw across any metal  
like that on the platinum card. I had  
an interview last evening with another  
friend, an experienced miner, who  
returned from the United States of  
California, Central America. He  
says he found metal like the sample

of platinum on the card on the Uray  
River, while panning for gold, but  
paid no attention to it. He says  
the boys that were with him pro-  
nounced it to be "particles of melted  
solder." I have no doubt but that  
it can be found more readily, and  
in larger quantities in the United  
States of Columbia, than in the  
United States of America. It is a  
Republic, Americans heartily welcome  
mines easily secured, and labor cheap.  
Now the next thing after platinum is  
found, no matter where, is a perfect  
cheap and rapid process of extracting  
the metal from the water earth.  
The miners throughout the country are  
greatly in need of a perfect concentrator  
or a machine that will separate heavy  
from light bodies. I have invented  
the "Boas" machine, but poverty has put  
my hands tied here in New York, and  
I cannot get it patented or put before

the public for that reason. You know  
every miner has his eyes and hands,  
and I am about as for down as it is  
possible to get ahead. But I have  
a couple of propositions to make:  
If you will take this invention of mine  
in hand and get it patented and put  
out so the public can get it, I will give  
you one-half interest in it. I suppose  
you will say you have patent enough  
of your own; but what can a fellow  
do? - I don't want those Wall Street or  
Mining Board sharks to get the  
lion's share of my developments. Also, if  
you will equip me with one of my  
small metal-sieving pans and furnish  
transportation to United States of Columbia  
I will undertake to find Platinum for  
you if it is possible to be found. Or if you  
prefer I will seek for it in Honduras, but  
it could not be shipped so readily from  
that place, if found. There is a reg-  
ular line of steamers running from N. Y. to

Barankelia, a seaport town of N. of S. S.,  
and good conveyance into the mining region  
from there. Or if my experience as a miner and  
services will be of any benefit to you in  
the States in any manner I shall be pleased  
to serve you.

I have nearly a ton of the black  
sand concentrations in Brooklyn, a  
sample of which I left you. I don't  
suppose you will find anything but iron  
and gold in it. There is not sufficient  
gold in it to pay for smelting and  
it is a dead loss to me.

If you think favorable of any of the  
above propositions, and can put me  
in the field again, the sooner the  
better - I shall be ready at a moment's  
notice. There is no mining to do in  
New York. In any event I remain  
Yours truly

Geo. W. Hall,

35 Allen St

N.Y.

Geo W Hall - Accertain even if  
you can about Colorado find out facts  
there about time it takes etc cost of  
the prospect - the New American



Suppose to along  
Oregon & Mt. Calconit  
we have samples of sand  
from 20 or 30 different  
all carry little plat  
Thanks for info

NY July 8 '74  
Good luck  
and please 74

New York July 8<sup>th</sup> 1879

Thomas A. Edison Esq

Sir:

Your favor of the 7<sup>th</sup> I receive  
and will try to explain to you  
as good I can the way we saved  
the Paluxy and the state of  
the mine that time, where I  
worked. We mined to on the  
beach right below the bluff  
we stripped from 6-8 feet sand  
first then we got on the bed rock  
which consisted of small & light  
gravel, mixt with bitl sand  
to the depth of 2-4 feet,  
deeper we could not go on  
account of the the fine water  
to get was very fine indeed  
mostly flour the bitl sand  
would lay in water and

and the gate was near or by  
inside with the alk sand, all  
this soil & gravel we would  
bring through the river in a heap  
and left it there till the  
floods came and water enough  
to wash the proportion of  
Platina to gold found was  
very little, but as I stated  
in my first letter the quantity  
of the platina was only an  
secondary matter to us  
but I am of the opinion that  
if it is well taken out for  
it may be 5% to the gold  
I expect to yield  
the old washing or tailings  
could and a general washing  
of gravel could alk sand  
I think it might pay  
to wash again with it with  
pay to wash it over, would

be only by buying, I would  
not like to give you my  
opinion on it for certain  
the Platina that I brought  
back from the mines I sold  
that same in Mason's claim  
and if I remember right  
to a few manufacturers  
it was not all platina it  
was a mixture of Platina  
& Red iron as I was  
told the specimens were  
crystal like, long chips like  
a rye corn. By the experiment  
it had sufficient plain in a  
particular direction I could  
do better  
Very respectfully

James Walk

BANKING HOUSE OF

Decker & Jewett,

Marionville, Cal July 2<sup>nd</sup> 1879

W. Edison Esq  
Marsh. Park, W.D.  
D.C.

Yours of the 28<sup>th</sup> recd  
received. contents noted. The give below names  
and addresses as requested.

- Daniel Mc Penny Subt. - Marionville Cal & Cal
- Jos C. Brien " " " "
- Pat Campbell Subt " " " "
- Louis Glass Esq. Cherokee Butte Cal
- V. G. Bell Subt - French Springs Nevada & Cal
- North Bloomfield Mineral M. Co. - North Bloomfield Nevada & Cal

*Handwritten notes:*  
 I would not mind a longer  
 petition. The law is of  
 some and find me  
 they long since  
 in it and can  
 Prof. Platt  
 think it will be  
 waiting the  
 year from  
 sailors from

John H. Jewett  
Peter Decker

Wm. H. ...

Wm. H. ...

Wm. H. ...

Mayville Cala  
July 8 1880  
Shellen & Gravit  
Agents for ...  
July 16 1880

Wm. H. ...

Wm. H. ...

Wm. H. ...

Wm. H. ...

Wm. H. ...

Wm. H. ...

Liberty Bear Lake Co  
Idaho July 8<sup>th</sup> 1899

P. A. Edison

Sir

Your communication of  
recent date seeking in regards to platinum  
is at hand. In answer I will say there is  
nothing of the kind in this vicinity yet discovered  
there might be some among the gold tatters  
out on the Snake River. By writing to  
"Jack" Anderson of Eagle Rock bridge  
Owida Co Idaho you could probably  
ascertain the desired information

write "Jack"

send card to Austin

note for other address

send card to Jack

note for sample send etc

Very Resp  
E. N. Austin

Liberty Bells

July 8, 79

EN Austin

Ans'd July 16 79

Wrote Anderson

New York City  
Room 26. No 176 Broadway  
July 8<sup>th</sup> 1879

Thos. A. Edison Esq.  
Menlo Park N. J.  
Dr. Sir

The articles in  
the daily papers induces me to  
inform you that Prof. W. H. B. Thomas  
has an Iron Sand containing -  
O<sub>2</sub>, Iridium - Irid, Osmium -  
Platinum. Laurite - Rubid-  
ium - Zircos - which may  
cover what you want to  
cover & protect your Points

The Iron Sand is abundant  
& so different in specific  
gravity that it readily sepa-  
rates in an ordinary shaking  
Table.

R. J. Haines

Atty & Counsellor at Law

[Copy]

Scotts, Ormiston & Co.  
Cor. 2d & 1st Sts.,  
Ancient City, California,  
July 8th 1879.

Mr. C. Goddard,  
Genl. Edison Electric Light Co.,  
No. 5 Broad St., N.Y. Dear Sir:-

In compliance with your request of April 19th, I have finally induced Charles Brown to procure me a few samples of the sand from his Beach claim, and forward the same per W. F. Co's Express to-day. When your letter first <sup>came</sup> to hand I requested Mr. Brown to get me some samples of sand, which he promised to do, but failed to bring them in, until upon my asking him why the failure he frankly admitted that he did not think there was enough there to justify him to wash and save it, and consequently did not see the use of it. I urged him to bring some and let you be the judge with the assay results. He says he has worked places along this coast, at different times that contained sufficient quantities to justify it being worked for Platinum but does not now know whether it still exists in such quantities, as the wash of the sea may have changed the nature of the sand. If you would inform me what



platinum is worth per ounce in the  
market per ounce, I might in due <sup>time</sup>  
and wish to interest themselves suffi-  
ciently to prospect for it in new places.

Your Truly  
(Signed) J. G. Wall  
Jr. W.

Present to Gen. Galt  
July 1871

J. G. Wall

write for book  
J. G. Wall

50

Chas Bond  
1343 Fulton St  
Brooklyn

amid July 10/99

1343. Fulton St  
Brooklyn July 9/99

T. A. Edison Esq

Dear Sir your favour is just  
to hand and in reply I beg to  
say it is now about 15 years  
since I was employed as a -  
Farmer & Currier in Pikes Kill.  
I forgot the firms name at that  
time but has changed hands  
since I understand, while there  
I noticed some men digging a  
foundation for a well and that  
at times they turned out a fine  
black heavy powder looking stuff  
it seemed a deposit quite sepa-  
rate from the general debris accord  
I took a handful but in some  
paper placed it under the joint  
that supported the floor above &  
thinking to take it with me  
to N. Y. when I left, it had come

away and forgot the circumstances  
but seeing the account in the  
Sun paper brought the circumstances  
to mind. I do not know how  
<sup>any</sup> further particulars but if you  
think it worth while I will go  
there with any person you may  
send with me and point out  
the place my horse, express bag  
deposited.

I remain your

respectfully

Charles Bond

Send him a card ask if  
it looked like sample  
The charges are against  
Philadelphia being found  
that way

send sample Card ash for  
address aft<sup>er</sup> <sup>the</sup> mine  
ask if places are worked <sup>near</sup> Koolerai B.C.  
if they are rich. ~~Send for sample and 2 tubes.~~

write to address the quartz territory Sidhu territory  
send sample Card, and for address  
of placer mines prospectors  
of 4 tubes for samples. Day  
July 5th 1879.

Thomas H. Edison Esq.  
Dear Sir,  
Occasionally <sup>some</sup> <sup>quartz</sup> <sup>concentrations</sup> <sup>are</sup> <sup>found</sup> <sup>in</sup> <sup>placer</sup> <sup>work</sup>  
having quite specific gravity - they do not amalgamate  
hence are lost.

I have written letters to the  
different mining camps in North Idaho  
regarding Platinum and as soon as  
I receive information I will advise  
you in full. There is however small  
quantities of that metal in nearly all  
of the Adams and Barron placers.  
I have been reliably informed that there  
is Platinum in large quantities in the  
Placer mines at Cedar Creek, Mountain  
Territory. I would recommend you to  
correspond with Judge Milton Kelly  
at Boise City Idaho Territory. He is the  
editor and proprietor of the Boise City Statesman  
and has a more general knowledge of what  
metal the different mines in Idaho contain  
than any man that I know in the Territory.  
Very respectfully  
Edwin M. Wells

Lewiston Idaho  
July 8  
Columbus Walker  
and July 23 79  
wrote Judge Kelly des

THE EDISON ELECTRIC LIGHT CO.,  
3 BROAD STREET.

NEW YORK, N. Y.  
R. M. HALLAM, V. PRES.  
E. P. FARRIS, TREAS.  
C. GOODRAN, SECY.

New York, July 9<sup>th</sup> 1879

My dear Edison

In response to your  
of yesterday, I enclose  
letter of introduction from  
H. B. Parsons Asst. Secy  
Wells Fargo & Co to all  
Agents, for Mr. M. C. Layman,  
as they have offices in  
nearly every mining camp  
this will be of more service  
to him than anything  
he could have. I also en-  
close a letter to Senator  
Latham who has a very  
large acquaintance on that  
Coast which he may pre-  
sent or not as he thinks  
best. I can give him  
many others if required,  
but that to agents W & Co will  
be the best he could have.

Yours truly  
C. Goodran



J. A. RICHARDSON,  
BUILDER.

CENTRE OF  
THE  
TROY AND WINDSOR WORKS  
SIMMONS BARRENS.



Boston, July 9<sup>th</sup> 1879  
Falmouth House

Thos A Edison

Dear Sir

I was extensively engaged in mining in Mexico near Tepas before the war. There is platinum there and I have no doubt in considerable quantity. Prof. De Rye for several years State Geologist of Texas, has seen and examined the mines. I have written to him and will send you his reply when received. In addition to his scientific knowledge he is a practical miner. If his report should be satisfactory to you I will be pleased to go to Mexico and secure and work the mine.

As you are probably aware, a mine costs nothing in Mexico except the working and you secure from the Gov. a perpetual title unless the working is suspended for four consecutive months, and in that case the title is not lost unless some one having influence with

with the Govt applies for it. The compensation to the Govt is a small export duty on most minerals. I don't think there is any on Platinum. I have no doubt you can get it from there in considerable quantities on much better terms than from any other source yet discovered.

I will be much pleased to be interested in the working and well acquainted in Mexico and with their customs and habits.

Very Respectfully  
J. H. Richardson

We will wait  
effect of your  
letter - cannot you  
get samples

Boston July 9 '71  
J. H. Richardson  
Care July 11 '71



The Editor

Brooklyn July 1851

Dear Sir having seen an article  
published in the New York Sun speaking that you  
wanted to find a Platinian mine  
I wish to tell you that when I was in Australia  
two years ago I was shown good specimens  
of Ores containing that metal. My business  
men told me that they knew where to get  
it in large quantities. My partner  
is in that country yet I enclose a letter from  
him stating the nature of the business we were  
engaged in at that time. If you would be will-  
ing to pay my expenses there I know that I could  
get enough of the metal for you. My business  
men searching for gold or tin veins when they  
come across traces of Platinian don't seem to  
know the value of the metal. I can refer  
you to Mr. Samuel H. Sewell who is your  
Patent Agent. Mr. Sewell knows me to be  
an eminent and trustworthy person. I offer my  
services to you I know that I can make myself  
useful and be willing to study your interests  
hoping for an answer. Please address

If he comes procure Edward Fox

Sample for analysis  
When we should call 210 Prospect St Brooklyn  
Or otherwise we have too many  
letters to undertake with it. Where we have sample

July 9, 71

Mr. A. Edison Esq  
N. J.

I know of  
a place in Ohio where  
placer gold is found  
thump out in certain  
quantities but in washing  
it out we always had  
out of an ordinary tin  
wash bowl full of earth  
a residuum of about a  
quart of black sand  
against which the shining  
specks of gold were  
revealed

I do not know whether  
this will be of any interest  
to you but should it be  
you can make a measurement  
of it, and if necessary I  
can make an effort to  
get some of the earth from

them with the sand  
gold and all just  
as it occurs in nature  
Very respectfully

John M. Case  
Box 2126 P.O.  
N.Y.

= Dear

I would be greatly  
obliged if you could send  
a pound of the black  
sand for analysis,  
perhaps there may be  
plenty of platinum in it

Very truly  
yours  
John M. Case

KEY WEST

IMPORTED

HAVANA

DOMESTIC

OFFICE OF

# Castree, Smith & Co.

DEALERS IN

## Cigars and Teas,

353 & 355 WASHINGTON ST.,

A full assortment of  
FINE TOBACCOS.

J. W. CASTREE,  
J. A. SMITH,  
G. S. HARRY.

*Hagup*

New York, *July 10th 1877*

Wm. J. A. Colman

Sir

*Reply that not get black  
sand custom of place  
500 local to where  
black sand is found  
per hour but a few  
pounds custom of place  
Yours of 7th at hand. I have no*

means of getting sample of sand without visiting the  
place myself, which would take me two days  
and cost about \$20 RR and hotel expenses  
I would be willing to give my time provided my  
actual expenses are paid and also that in  
case my discovery proved of value that I should  
receive a fair share of remuneration. I could  
send you sample of sand purchased in stations  
etc in NY that looks exactly like what I saw  
and will do so if you desire. I have never visited the place  
but once 1854 or 5 and not knowing what changes may  
have taken place I might not be able to find the sand  
tho I am certain I could find the exact spot

*Yours truly  
John S. Willis*

Independence <sup>Washington</sup> July 9/79

Sir. Edison

Sir your circular letter with-  
out date in relation to Platinum  
was handed to me by the  
P.M. of Independence. In answer  
would say. Platinum exists thro-  
out most all of the great  
River of Oregon Washington &  
Alaska or Sitka also Pittsburg  
Columbia. I have been shown  
some small specimens got  
by the Roanoke Indians got  
in the Olympic or the Coast  
range of Mountains on the head  
of Wylichia River. If it meets  
with your approbation I will  
take some Indians go and  
take a look for it. It is a rough  
country to prospect in but  
if there I can find it.

and for them, if you wish  
me to shall go through all  
of the mines Oregon, Wash  
British Columbia and Sitka  
mines for it. I have been in  
the mines Nevada on top for 25 years  
worked in the mines of Delicaho  
Montana Nevada Colorado  
and British Columbia on  
now in co with Professor  
Wm Denton of Boston on a  
mineral & geological tour in  
the Comberland Mountains  
Tennessee & Virginia. I do  
what Palatinus is when I run it  
for Refusee Governor. A very  
of this day Mr. Burns president  
of the 1st National Bank Olympia  
Wm H. Denton of Boston General Military  
U.S. Indian Agent Olympia with  
my father. I am acquainted with  
a great many tribes of Indians  
and can get great deal of informa  
tion for them.

You never want to have  
work thro' the press  
Very Resp you  
J. W. Milroy  
Independence

P.S. I would be pleased to serve  
you in any <sup>way</sup> ~~representing~~

Send sample Card, Ask how much  
money persons require to visit all the  
placer mines in Montana Idaho & the  
Neighborhood of Kootenai; where I  
understand the scales of platinum are thick  
but the placer men can not sell their gold  
~~the~~ not using Mercury to take it out  
- I believe the greatest deposit of platinum  
is in British Columbia, In washing  
with a pan silver & the scales of  
gold & platinum come down together  
~~and say to what do you prefer~~

Kingsport N.J. July 19, 79

T. E. King

Send cards + Joseph H. Joseph  
Air columns + Abner Willard  
Aug 8, 79 to E. Plummer  
Beaver Creek  
N.J.

FROM THE LABORATORY OF  
E. A. EDISON.  
MENLO PARK, N. J.  
U. S. A.

July 9, 79

T. E. King Esq.  
Kingsport Utah

Dear Sir,

Your favor of the  
1st is just at hand.

I send you a sample card  
containing 2 samples of platinum

Can you get me a small  
sample of the sand from Beaver  
Ck? say 1 or 2 oz. Or can you  
give me the address of some one  
to write to there?

Very truly  
Yours  
E. A. Edison



Hington Santa Co. W. Vt.

July 25. 1879.

J. A. Edison.

Monte Park. New Jersey.

Dear sir, your of July 5  
at hand, it would be quite unimportant for  
me to send you 4 samples of *V. Patersoni*  
as is it is quite distinct from her and from  
hisry but I can give you the Name of  
one or two persons living in B. Beavon Co  
that I think could tell you more than I  
could. by writing to Mr. Joseph H. Joseph  
Abingtonville. Beavon Co. W. Vt. or to  
Mr. Edward Johnson. Keene City  
Beavon Co. W. Vt. and stating to them  
your desire I think that they can give  
all the information that you want  
Most respectfully yours

Alexander S. Ingram for

J. S. King  
and Care of Circular to these  
address & under ask for samples  
I can call you in - please send to  
have been samples

B. L. Howard  
and July 11  
see note attached

Thomas  
P. G.

Stamaga July 10<sup>th</sup> 1879

Mr. J. A. Edison

Dear Sir

Your letter  
of July 7<sup>th</sup> came duly to hand,  
inquiring about the particulars  
of the discovery of *Givonia*.  
Two years ago Mrs Stearns &  
Prof. Hall came to this place.  
He examined the geological for-  
mations outside and underlying  
the coal measures, found them  
to be primitive formations. In  
those primitive measures extend-  
ing twenty miles north and  
south of the coal measures  
there are well defined veins  
of ore of vast extent, which  
before that time were looked  
upon as of no value, and

are so to day. They had been examined by Chemists who pronounced them of no value and containing nothing of a metallic nature except a trace of iron. One place was opened some years ago and an attempt to mine it for point was made, but abandoned. Show parties upon examination at once claimed that it contained Gold and other precious metals, at the same time asserting the gold was in a form not understood, also that the ore contained large quantities of Platinium, also in a form not understood, and assigned as a reason that it was ore in an older formation than the gold fields of the west, but that it

could be put into form by Electric Machinery; they then built a very crude machine with a number of magnets inside by which to work the ore. In working the ore in the Machinery they actually got out half a dozen distinct metals gold among them, showing the ore to contain about 33 pr. ct metals; some of them were di-magnetic and malleable, others were magnetic very hard & brittle and very infusible. Some of them would volatilize with a very low degree of heat. While they were experimenting I took hold of some of the material that seemed to be non-metallic, after digesting <sup>in acid</sup> all that would go into solution I had a large residue of what I herein inclose to you. I submitted it to the ac-

tion of the highest heat of a  
self acting blow pipe, and  
found it to give out a large  
brilliant white flame without  
combustion. These parties then  
named it Zirconio. I could not  
test it any further for I could  
not get hold of a satisfactory  
formula for testing it further.  
This sample I send you, should  
it prove to be Zirconia, there will  
be no trouble in getting from  
200 to 300 lbs to the ton out of  
some of the ores they experimented  
with, and some ores may contain  
more. Will you be kind enough  
to inform me whether this is Zir-  
conia. Should you wish samples of  
the ores I will send them to you.

Yours Respectly

B. L. Sutherland

on 3 July 11 - sent card. Got him with analysis of  
Zirconia; asked him send two ores for  
analysis.

NY  
New York July 10<sup>th</sup> 1898

Care F. Washburn  
212 E. 11<sup>th</sup> St  
New York

T. A. Edison Esq.

Dear Sir  
I am here getting up  
a company to work the  
mine which is in Vermont  
I am under the necessity  
of getting to be to live here  
while getting up the company  
it is a gold mine and at  
some future day I shall go  
for the company you know the  
things are slow we are about  
to organize there is not one  
there that I could trust to  
get it for there is a great  
quantity and gold enough  
to pay for working but some  
of the land is not so heavy

as other and would not be likely  
to be so good there was pits of it  
seven years since when i was then  
had presume it is swept away by  
the flows of water that comes in  
the mountains my mill was aduice  
away and i left helpes so far  
as mining was concerned i  
have any quantity of leases  
now it will cost so to go  
and come beside the expenses  
there the land is 2 miles from  
the public conveyance i will  
go and get it much or  
little if you want me to do  
it of the old race are there  
it could be got in a little while  
how that is i cannot say  
i am acquainted with the region  
for miles prospecting there for  
eight years i bought specimens  
from the mine which

figure had pronounced to  
be platina and was so  
set in the prospect in the  
mine the mine is in  
Piedgewater it but the  
land is in that immediate  
vicinity there is any quantity  
of it to be obtained if you  
for any thing it was so high  
that i thought it must contain  
gold for the fine gold and  
sand is reduced to a powder  
scattered in amalgamated and  
finest got a fair mill  
little considered it a further  
because it was not what i  
wanted gold i burnt it in  
Potash salt salt pits and  
it did not decrease much  
in amount i melt it







New York City  
176 Broadway  
July 10th. '78

Thos A Edison Esq  
Dear Sir

Yours of the  
9<sup>th</sup> is at hand. The party  
owns in the simple 1,000 acres  
on which there is timber enough  
to pay more than is asked for  
the tract. I have no arrange-  
ment or contract with the owner  
as to any commissions. His price  
is \$15,000. "Thos A Edison Esq" could  
not buy at that price, for the  
owner would imagine that if  
Mr. E. wanted it, its value  
must be great. I will send  
you address & location and  
some "washed sand" the lambs  
being in scales, are nearly all  
removed. Have sent you sand  
in its natural state & on its  
arrival will forward you

Samples. In which you  
will find plenty of Tannin

If you will agree to protect  
me in the matter of Com-  
missions I will by return  
mail send you all the  
information I have on  
the subject

Yours  
R. F. Haines

14 July 10 '79

R. F. Haines

I will like some samples  
if you make time, & they  
be properly packed  
you will be  
R. F. Haines

OFFICE OF  
New York & Colombia Gold Mining Co.  
No. 21 PARK ROW.

New York, July 10<sup>th</sup> 1879

J. A. Edison Esq  
Dear Sir

Your favors of yesterday  
came duly to hand.

It will afford me pleasure  
to have an interview with you in reference  
to platinum deposits in South America  
I will therefore endeavor to call upon  
you tomorrow, leaving here in the 11 o'clock  
train

Yours Very Respectfully  
David J. Ogden

ANALYTICAL AND PRACTICAL CHEMIST,  
ASSAYER AND CONSULTANT.  
Gives special attention to Metallurgical Chemistry  
in Mines and Mining  
to the Analysis of Ores, Minerals, Mineral Waters, and  
all natural and artificial products.  
Will report on the condition and value of any Mine or  
Mineral Deposit on the Pacific Coast,  
and will make to order any chemical product required.  
Practical instructions given in  
Assaying, Chemistry, Descriptive Mineralogy and  
the use of the blow-pipe.  
Consultation on all questions of Theoretical or  
Practical Chemistry solicited.

Office of Henry G. Hawks,

619 MONTGOMERY STREET,

San Francisco, Cal. July 10<sup>th</sup> 99

Mr A. Edison,  
Menlo Park N.J.

Sir I am in receipt  
of your letter of recent date. Platinum  
occurs in large quantities in the sands of  
rivers and streams in Northern California  
and Southern Oregon, notably in the beds  
of Trinity and Klamath rivers. The  
miners who think it gold in some pe-  
culiar condition, will not collect and sell  
it at the prices offered by buyers. I think  
however if a market was offered men that  
they could be induced to collect it. If you  
are willing to pay for the advertising the expense  
can be tried.

Very respectfully

~~see~~ Henry G. Hawks  
whole price  
offered minus for platinum was 7000  
~~10000~~

DR. CAMPBELL,

AURIST.

135 West 11<sup>th</sup> St

New York, July 10<sup>th</sup> 1879

Thos. A. Edison Esq

Dear Sir

Your favor of 6<sup>th</sup> inst. to hand. You are at liberty to do as you please with the samples previously sent.

Unfortunately I am neither a Mineralogist nor a Metallurgist, and can not therefore know or perhaps make suggestions that you might be desirous of for sampling. I am (or was) simply the final link in the chain of a metallurgical chain in which I had great faith. On this I settled my bottom dollar

DR. CAMPBELL,

AURIST.

New York, 1879  
in the enterprise of which  
Enclosed Circulars treat.  
That though a grand success  
in reality, fact, I could never  
induce Mr. Collins to take  
hold of (unless it was they  
take of) Mr. Collins, who thought  
very highly of it, and would  
have established works on  
his own premises at Collin-  
wood, Ohio, but for the exor-  
bitant terms insisted on by  
Prof. S. and pecuniarily  
I was landed in the poor  
house.

Feeling grateful for the  
manner in which I had treated

3)

Office of DR. CAMPBELL,  
AURIST,

New York, 187  
him, and anxious to make life to  
myself, called, the Professor  
then imparted to me this  
Knowledge of a Gold & Platinum  
mine, or rather two such mines  
(for after reaching the property,  
he prospected around, and  
told me that he had discovered  
another property, richer in  
gold and platinum than the  
original mine, giving me the  
name of the place and the owner  
of the land.) offering if I should  
assist him to secure the first  
mine and furnish some working  
Capital, for \$10,000 he would  
give me one half of whatever he

4/

Office of DR. CAMPBELL,  
AURIST,

New York, 187  
might make. He showed me  
specimens of the Ore, some  
which he extracted the speci-  
mens I forwarded to you.  
As I understood him, the  
white silver looking particles  
were "Platinum," much more  
valuable than gold, while  
the other specimens were  
gold and other particles.  
You can test them and find  
out I presume what they  
are. I feel confident however  
that he did not deceive me.  
I did secure the mine  
in our joint names, and

5

Doc. of DR. CAMPBELL,  
AURIST.

~~Dr. Campbell's Letter.~~

New York, 187

Prof. S. took possession  
and would therefore stay, &  
to send on money as soon  
possible, and then follow  
to assist him. But I was  
financially on my back and  
could not raise any money  
which bred some bad feelings.  
After expiring there some  
time, the Professor wrote me  
that he could do nothing  
without some money, and  
that if I could not send  
it, he should return with  
out accomplishing any  
thing further than before he  
started. I first heard of

6

Doc. of DR. CAMPBELL,  
AURIST.

~~Dr. Campbell's Letter.~~

New York, 187

his death, and never again  
gave gold or platinum mines  
a thought, until I read an  
account of your doings  
and requirements in the Gen.  
As I understood Prof. S.  
the samples sent you  
were extracted from surface  
ores, or ore near the surface.  
He designated the ore as  
"Complex Auriferous Ore"  
whatever that may be.  
On reflection I am some-  
what about, whether the specimens  
could be taken from the actual

7  
One, or from some tailings,  
about which he spoke as  
being on the property left  
as a result of some Crude  
mining operations, carried  
on some years ago by  
unscientific persons.

Can run from it, &  
to within 20 miles of the  
mine, which is easily ac-  
cessible from that point.  
And within the U. S.

I can tell a straight  
story all the way through  
but to do so must necessarily  
tell them my entire hand. I  
am a poor and struggling man  
with a large family, and have  
been or ever since established in  
metallurgical operations, which  
cost me \$20000. I consider

Sincerely and honestly believe  
I can direct you where you  
can find platinum in larger  
quantities than it usually  
occurs. For this metal of  
Platina is very much in want  
need - I have urgent  
needs, not specially for  
platinum (though a cent  
lost dumped at my door  
would certainly prove acceptable,  
but for green bags, of which  
Curtman says there is almost  
a surplus at Menlo Park.  
Pay me a small sum, say  
\$500 cash down, and enter  
into such a contract as you  
describe and whatever I  
know of the location of both  
mines (which is such that  
you can well direct from  
the depot to the two prop-  
ties) is yours



Office of

DR. CAMPBELL,

AURIST.

125 LEXINGTON AVENUE.

New York

187

Dr R Clark  
about Handwriting

Dr R  
about Table cloth

*[Faint, illegible handwriting on the right side of the page, possibly bleed-through from the reverse side.]*

9

Hoping you will  
 be up on Sunday the 10th  
 I have written you before  
 & in future I am  
 Dear Sir  
 With Respectfully Yours  
 Wm. J. Campbell

In case of success I will pay your bonus of \$25

W. J. Campbell

<sup>You will not see \$1000</sup>  
 I am sure if you are in my place  
 we are good as parties & any  
 cont made with us is perfectly  
 good next wed I start out  
 an effort give a year  
 If you desire I will  
 draw up a cont give you  
 royalty spoken of if you  
 will indicate mine  
 We are not mining sharp so all  
 I want is plat I dont  
 care for the gold wouldnt  
 give a cent a ton for it  
 all I want is plat &  
 I am willing pay for  
 it

My friend 24  
to Jos P Campbell  
and the N. 11  
see letter from 23



Acosta Cal July 11/77

Comith. dated July 11/77

but now can be had for a good deal less, however you will have to determine what you can or will give to give me some idea of what to offer them for buying it, and then whatever better business I can make for you will do, here w/peace

Respectfully  
C. Smith P.M.

The platinum in ~~the~~ 1849  
etc ~~was~~ brought a high price  
for the 30 p.c. of Iridosmine which  
it contained, this was bought by  
the gold pen men who used  
them larger scales for gold pen  
points since the discovery of  
the Russian mine ~~was~~ in 1854  
they obtain their supplies from their  
annual product of Russia  
30 000 pounds. price at Moscow  
two dolls 20 c per oz tray = price  
in Cartagena New Grenada 41,450. per  
oz. I would pay all the way from 100 to 1150

10-9 Campbell  
no reply

135 West 111<sup>th</sup> St  
July 11<sup>th</sup> 1879

Mr. H. Edison Esq  
New York

Since

placing myself in communication  
with you on the plate  
question, I have endeav-  
oured to recall all that Prof.  
Seevaux told me in rela-  
tion to the same referred to.

I should regret it much  
were any statements of mine  
to put you to one moment's un-  
necessary trouble.

I wish only to say  
that on reflection, I am not  
sure that it was platinum  
at all that Prof. Seevaux referred to.

But I will make  
oath that it was Platinum.

or Indium that he spoke of  
and either the one or the other  
will be found in one of the blown  
bottles I sent you, the one  
containing the silver looking  
Scale.

It is only an hour  
since the possibility of my  
error forced itself on my  
mind, and I hasten to  
advise you of the same.

Yours truly,  
W. P. Chubbell.

One moment I could swear  
towards platinum, and another  
that it was Indium. Re-  
member the conversation took  
place some years ago.  
But at any time I will  
show you one or the other.  
If you think it worth while  
I presume you can soon determine  
any way. Do not wish to deceive you.

Chas Mason Esq  
New Braun Com. July 11. 1879  
and July 14 '79

Mr Edison

Dear Sir -

Your favor of 9<sup>th</sup> inst recd with the  
mineral sample cards, for all which - thanks.

I am or have been interested in each of the  
mineral veins of the list sent you - the, as yet  
known, values of some of them being discovered

of my own. The one marked third (that of Cu  
Copper and silver with some gold and a little iron)

is a valuable mine and a name of it has made ex-  
cellent developments. It will be of great help  
for which it now stands in this mine, they

knowing nothing of mine, and being in the  
both hold out the best of conditions, yet having both  
knowledge and faith, they are willing that should  
find a party to work for a year or so, the pro-  
duct, possibly on all scales, which I doubt not can be  
done. The copper vein now put from 20 to 40 per cent

metallic copper and of silver from 30 odd dollars the  
ton of ore to more than 100 \$ of the same. The ton of ore,  
the gold mine or is in different places the most  
any, reaching to 500 a ton of ore, as by a recent assay from  
different localities of the mine. The mine is within 15  
miles from the station - (function particular of demand)

It has been proposed to mine (marked first) is more distant, and is so  
far as yet explored only three to five miles of gold to ton of product.  
The item marked 5<sup>th</sup> and 6<sup>th</sup> are more distant is an extensive





interested in mines, and only regret my inability,  
just at present, to push on the works.

I shall send for samples and forward to  
you as requested; some pretty soon (maybe)  
and others a little later. And I would like,  
if not inconvenient, not less than two more  
of your mineral sample cards.

With much respect

And very much yours

Charles Morrison

145 Elm St.

Can't go into anything but mine country just  
send you 2 cards all the best

Send samples & make out for you

DIRECCION  
de la  
ESCUELA ESPECIAL DE INGENIEROS  
DE MEXICO

México, Julio 11 de 1899.

Sr. D. M. Semandoy Local.  
Presente.

Muy estimado Sr. y amigo:

He recibido su atenta re-  
la, de fecha y del actual, en la  
que se sirve transcribirme las si-  
guientes preguntas que, al Mi-  
nistro, Secretario de los  
Estados Unidos, hace el C. West  
americano Thomas Edison, piden  
dome los datos que sobre el parti-  
cular tenga, si fije de contestar-  
las:

- 1<sup>a</sup> - ¿ Se encuentra en México el  
platino o el iridio?
- 2<sup>a</sup> - ¿ En que localidades se halla?
- 3<sup>a</sup> - ¿ Es abundante o no?

4.<sup>a</sup> ¿ Su extracción es barata ó cara?

5.<sup>a</sup> ¿ El agua en esas localidades es abundante ó escasa?

1.<sup>a</sup> Se encuentra en México al platino; pero al parecer no en el estado metálico, sino como una sal química, en hidróxido de fierro y arcillas ferruginas.

2.<sup>a</sup> Se halla en las arcillas de Sta Ana y Sta María de los Altos, puertos del Distrito de Puebla; entera de Hidalgo, así como en la montaña de Quitá-cabones, cerca de Sta María de los Altos.

3.<sup>a</sup> Según los datos recibidos que hasta ahora se han recibidos, no parece ser abundante.

4.<sup>a</sup> Su extracción, es sencilla dada la perfecta semejanza entre

estas las arcillas ricas y pobres, en cuanto á sus caracteres físicos y por tal incertidumbre, que de fijarse cara, si bien me hoy datos bastantes para asegurárselo.

5.<sup>a</sup> El río Meteguma á unas dos y media leguas de los puertos mencionados, y en estos mismos existen algunos manantiales; pero en estos números y de escasa caudal, proveyendo sus habitantes al riego de sus campos, en las aguas que, en tiempos de lluvias, reciben, en enorme cantidad, en grandes fugitivas.

Esos que las espintadas son las generalidades de mayor interés que pueden darse al Sr. Beltrán, como respuesta á sus preguntas acerca del platino.

Me es grato recibirle las seguridades de

[TRANSLATION FOLLOWS]

mi consideracion.

L. apin y M. L. M. B.

e. Ant. del Castillo



*Contestación a algunas preguntas que el Ministro de Fomento hace al que suscribe.*

*Señal Oficial. Muey en cargo del Ministerio de Fomento.*

*La Sección 2.<sup>a</sup> del Ministerio del digno cargo de Ud., en cumplimiento de lo que Ud. tuvo a bien determinar, me ha presentado las cinco preguntas siguientes, con el objeto de que me ocupé de contestarlas.*

- 1.<sup>o</sup> Existe en Atajir la platina o el iridio?*
- 2.<sup>o</sup> Le existe, en qué localidad se encuentran?*
- 3.<sup>o</sup> Es abundante o no?*
- 4.<sup>o</sup> Es barata o cara en explotación?*
- 5.<sup>o</sup> Hay agua abundante en los lugares en que estas metales se encuentran?*

*Cada vez que se necesita un dato relativo a nuestros yacimientos mineros, otros que la plata y el oro, que por consiguiente han atraído nuestra atención, no podemos menos que lamentarnos del abandono con que se ha visto en el país la organización de comisiones exploradoras, destinadas a descubrir los elementos de riqueza existentes en nuestro suelo, y los medios de aprovecharlos.*

*El caso presente, al abandonarse punto a punto con nuestra falta de servicios, nos causa el disgusto de dejar perder una oportunidad de adelantar entre nosotros una industria nueva y productiva.*

Para despreñarse a parte estas reflexiones, que deb en servir de fundamento a mi respuesta, y de disulfuro a los rancios en que ha en de abundar las noticias que se me piden.

I. La existencia de la platina en México, es un hecho que no puede ponerse en duda, pues lo aseguran las expediciones científicas que se han practicado en servicio de objeto de abstracción: quanto a los informes oficiales que en algunas fluctuaciones de este género circular impresas.

En quanto al Perú, no hay dato alguno que acredite su existencia, que solo se puede sospechar por la frecuencia con que se asocia a la platina en el estado de amirón, y lejos de esto, hay hechos que nos inducen a suponer lo contrario.

En efecto, en la tabla de especies minerales existentes en México, que publicó en 1864 el Profesor D. Antonio del Castillo, se cita la Androsita como de existencia dudosa, y posteriormente se ha habido descubrimiento que la asegura su estudio que los determina.

El Sr. Berceña, en las análisis que practica de los minerales platiníferos en el estudio a que voy a referirme, no hace mención de dicho metal, no solamente como un elemento separable, pero ni aun como componente mineralógico.

II. Los únicos yacimientos de platina, cuyos estudios merecen fe, se encuentran en el Distrito de Tacotal parte vecino al Estado de Hidalgo, cerca de Sta. Ana de los Alamos, en las cuencas que están a los lados y a de una pequeña cordillera formada por los cerros de "La Barranca" y "El Cubante", y en la extremidad occidental del primero.

En tal vez se encuentre la platina en otras partes de esta.

formación, en que los caracteres son sencillos, pero no ha sido en ellas encontrada.

Los puntos de donde fueron recogidas las tierras en que el Sr. Baicena encontró platina, fueron: en la cuenca de "Cauita - Calvarias", en la cuenca de esta misma cuenca, en las pertenencias llamadas "La Calvarias" y "El Aranjito", y en el patio de la casa de un indigena de la ranchería de Sta. Barbara de los Navos.

Conviene hacer observas que en todas las tierras en que se ha encontrado platina, ha habido plata.

La mayor cantidad de del primer de estos metales, que es el que nos ocupa, se encontró en las tierras de los cerros ferruginos que están en contacto con las arcillas ferruginas mezcladas con el pedernal y la piedra lija.

Aunque cerca de estas tierras aluviales se ven algunas rocas de cuarzo ferruginos, y masas de óxido de fierro, ni estas ni aquellos contienen ni vestigios de platina, lo que hace ver que no son matrices de este metal, suponiendo atribuye el Sr. Baicena a los sedimentos producidos por las aguas termales.

III.- La irregularidad con que la platina se halla distribuida en las tierras que la contienen, es el carácter más marcado de esta distribución, y el dato más apropiado para dudar de su abundancia.

En el Informe de donde extracto estas noticias, se acusa al hecho, verdaderamente notable, de que la toma de ensayo extraída de una masa de tierra conveniente - miento preparada, ha dado 0,25 por ciento de platina, y en otra toma de ensayo de la misma tierra, no se han



concentrado ni vestigios de este metal.

X Esta irregularidad encuentra una fácil explicación en la hipótesis de un origen.

IV. La única Compañía que se organizó en 1875 para explotar la platina, se limitó a hacer prácticas con reconocimiento; y ni aun se llevó a cabo la fundición de un número competente de cargas, que diera alguna idea sobre el costo.

Se puede conocer este aproximadamente refiriéndose a la platina con la diferencia de veinte por ciento que antes del tratamiento, es necesario concentrar las tierras, en las que ni aun con un poderoso microscopio se descubre la platina; lo que supone si se mete a la fundición tierras completamente pobres, con tanta más probabilidad, cuanto que los caracteres físicos son semejantes según se ha hecho notar.

V. Aunque en los Lados C y D la zona en que los criaderos se encuentran está limitada por los ríos de Quindapá y Motoyuma, el agua de estos no podría aprovecharse sino con un costo excesivo; pero por la construcción de presas, aprovechando la configuración particular del terreno, permitiría aprovechar las aguas caídas en las abundantes lluvias.

Lo expuesto es lo único que puede decirse para contrastar con exactitud a las siguientes propuestas.

México, Julio 11 de 1879.

Santiago Ramón

University of the  
Special School of Engineers  
of Mexico.

Mexico July 11<sup>th</sup> 1879

M. Fernandez Salas Esq.  
Minister.

Dear Sir,

I have received your attention note of the 9<sup>th</sup> inst., in which you ask me the questions that the American citizen Mr. Tomas Edison addresses to the Minister of the United States here, asking me for information which bears on the subject.

- 1.<sup>o</sup> Is platinum or iridium found in Mexico?
- 2.<sup>o</sup> In what locality is it to be found?
- 3.<sup>o</sup> Is it abundant or scarce?
- 4.<sup>o</sup> Is its extraction cheap or costly?
- 5.<sup>o</sup> Is water abundant or scarce in those localities?

- (No. 1.<sup>o</sup> Platina is to be found in Mexico, not in a metallic state, but as a chemical part of iron and ferruginous clay.
- 2.<sup>o</sup> It is found in the clay deposits of St. Anna and St. Maria de los Alamos (towns in the Jacala district, state of Hidalgo), and also in the basin of Quita-culcans, near the town of St. Maria de los Alamos.
- 3.<sup>o</sup> According to the latest investigations it does not seem to be abundant.
- 4.<sup>o</sup> The cost of mining or extraction is uncertain on account of the similarity of the iron and

rich clays in respect to its general formation and (on account of the uncertainty) may be deemed costly, although there are no facts to warrant the assertion.

5th

The new 'Mochizuma' pass within seven and half mile from the above-mentioned town, and in the town themselves, several springs exist but of little flow, providing the inhabitants with water after rainy weather to irrigate their lands.

I believe that the above information is a general outline of the facts bearing the most interest in answer to the question of Mr. Edison about the existence of platinum.

I return with pleasure my sincere consideration

Very truly Yours,

(Signed) Don. del Castillo.

Santiago Ramirez  
Sep. 16. 1878  
Mining Engineer

Answer to several questions which the Minister of the Interior asks of the Under-Secretary.

To the principal officer in charge of the Ministry of the Interior.

The 2<sup>d</sup> section of your honorable incumbency and in compliance with your determination, has presented me with the five following questions with the object of my answering them:

- 1.<sup>st</sup> Is platinum or iridium to be found in Mexico?  
 2.<sup>d</sup> If it exists, in what localities is it found?  
 3.<sup>d</sup> Is it abundant or scarce?  
 4.<sup>th</sup> Is its extraction costly or cheap?  
 5.<sup>th</sup> Is this abundant ware in the localities where these metals are found?

Every time information concerning our mineral products other than silver and gold is required, (which have completely absorbed our attention), we cannot fail to see considerable organization of exploring commissions with the object of discovering the elements of wealth existing in our soil and the means to develop them.

The present case, in view of the scarcity of facts, forces us to see the opportunity of establishing amongst us a new and productive industry.

But I shall lay aside these reflections, which will serve as an introduction to my answer, and as an apology to the scarcity of news which will abound in them.

The existence of platinum in Mexico is beyond a doubt, as the scientific expeditions will attest, formed with the only object of proving the existence of this metal; and also the official information published on several

publication of this character.

As to the existence of iridium there is no data which prove it, and can only be surmised by the frequency of its co-existence with platinum in the terrigenous strata, fact however induce us to believe the contrary.

In fact, in the statistics of minerals found in Mexico, which Professor Antonio Cavalli published in 1864, iridium existing is doubted; and after, no discovery or studies have been made which determine its existence.

Mr. Penasa in the analysis which he made of the platiniferous metals and to which I shall presently refer, he does not mention the osmium metal, not only as an expletive element but not even as a mineralogical component.

11

The only deposit of <sup>the country of</sup> ~~Platina~~ <sup>Platina</sup> which can be relied upon, and found in the Jacala district, of the State of Hidalgo, near the town of Mani de la Olvera, in the basin which lies on the side of a small range of higher <sup>land</sup> ~~land~~ <sup>forming t.t.t.</sup> ~~land~~ <sup>forming t.t.t.</sup> formed by the hills "La Calavera" and "El Galante", and in the western part of the former.

Platina may be found in other part of this range, in which the general cha-

character of the soil is the same, but none has been found.

The place from which the clay that Mr. DeCarna analysed and found platina, was found in the basin of Quico Calzones, on the side of this same basin, in the estate called La Calavera and El Saranjik, and in the yard of a native in the rancharia of San Maria de la Olaya.

It may be well to mention that in every case where platina was found, the same clay also contains deposit of silver.

The largest quantity of the former metal was found in the case of ferruginous ~~stone~~, and in contact with the ferruginous clay, mixed with flint ~~stone~~ and lydian stone.

Although near these alluvial earths some pieces of ferruginous quartz, and masses of oxide of iron may be found, neither contain the least vestige of platina, proving that they are not the matrix of this metal, the origin of which Mr. DeCarna attributes to the sediments produced by thermal waters.

III

The irregularity with which platina is found distributed on the ground that contains it, is the most conclusive feature of the small abundance of this metal.

In the statement from which I draw these conclusions, it is asserted ~~that~~ and is

quite a wonderful fact, that the assay of a quantity of clay conveniently prepared has given 25% of platinum, and in another assay of the same clay not even a trace of platinum has been found.

The only company formed to extract the platinum, was organized in 1875, and only went as far as making a survey, and no important number of experiments or smeltings were made which could give any idea of the cost of mining.

This may be surmised approximately, especially to platinum, with the disadvantage that before treatment it is necessary to concentrate the earths, in which not even with the aid of a powerful microscope may be found the platinum; which often causes poor ore or clay to be subjected to the smelting process, when the similarity between the rich and poor ore is taken into account.

Although the zone in which this mineral is found is bounded E and W by the Ducaripa and Motaguana rivers, the waters of these rivers could not be used without excessive cost; but the construction of large dams and taking into consideration the conformation of the ground, considerable amount of water might be collected from the adjacent shores.

This irregularity is easily explained by the hypothesis of its origin.

The above information is all that can be given in reply to the said questions  
(Liquin) Santiago Ramirez.

National Museum

July 16, 1879

Manuel Suanandé, Esq., Engineer and  
Chief Officer of the Ministry of the Interior.

My dear Sir,

In reply to your question as to whether there existed or if I knew of the existence of deposit of platinum or iridium in the Republic, I have the honor of communicating to you that the former metal has been found on the ferruginous clay in the municipality of San Mateo de los Rios near of Hidalgo.

In the year 1878, several ferruginous stones of a grayish color, covered with a yellowish clay, were sent to Mexico (the capital), in which, <sup>they are now</sup> it was asserted that platinum had been found, and said stones were distributed for their assay among several societies and scientific persons.

The Mexican Society of Natural History, assigned to me the stones that had been sent them, and in the statement which I presented on the 11<sup>th</sup> of November of the same year, I asserted, <sup>in the report</sup> having



found silver and platinum in the clay which covered the ferruginous concretions, Messrs. Com. del Castillo, D<sup>o</sup>. Siles, and Teodoro Laguna, mining engineers, obtained the same result.

The last mentioned gentleman, made a study or survey of the deposit, and published his report in a pamphlet printed in the year 1876, in which ~~some~~ other information on the same subject may be found.

I was commissioned in 1874 by the Ministry of the Interior, to make a survey of the same deposit, and in my report I stated that these precious metals did really exist in some ferruginous earths, but that they were disseminated with excessive irregularity. I had collected great quantities of earth and after having mixed them perfectly, took portions from several parts of the same mass, and on assaying them I obtained the most contradictory results: the same ore showed the existence of platinum, and again showed the opposite result. This seeming contradiction I explain by supposing that the precious metal was reduced to infinite particles, and when putrifying the ore they united, in view of their malleability, forming solitary masses which were distributed very irregularly in the clay.

In view of such results, I stated at the end of my report, that I could not recommend the mining of these deposits, and advised the proprietors to smelt forty or more loads of ore, to see the result, for only experiments conducted on a large scale could resolve the question of its cost.

I also stated that in concentrating such ore better results could be obtained, as the several experiments made by me of the subject had demonstrated.

The ferruginous clays, occupy a large tract of land in the district of Jacala, in the state of Hidalgo, and to settle whether its mining was convenient or not, I would advise again the Company of *Sto. N. de los Alamos*, to send several trustworthy persons, and collect some ore from the clay banks of the village of *Sto. Maria* and from the alluvial earth which fills the basin, called *Dura Calzona*. This collection could be sent to Mr Edison, whom I understand is the person interested in knowing whether platinum exists in Mexico. This person could have the assay conducted by an American metallurgist, and the question of its cost could be settled for the U. S. apparatus or machinery of great value in concentrating the ore can be found.

This is ~~what~~ <sup>all</sup> I can give in the way of information, and for more details I refer to the aforesaid pamphlet, in which all the reports of the persons who have taken part in the researches in the mineral lands of Jaala, may be found.

I am, your Very Truly,  
(Signed) Mariano Barcena.

~~Officer's Report~~  
Papers from Mexicans  
Reporting about <sup>the</sup> fleet in Mexico



sufficient money to develop  
and extend his research in  
the mines, that it would be  
found in paying quantities.  
Dr. Steptunow was formerly  
assayer in the U. S. Mint  
at Dahlonega, before the war.  
He is well known over the  
United States, and is as  
honest a man as ever lived.  
If you deem it expedient  
to inaugurate a campaign for  
the election in this section  
your wife address Dr.  
Chas. F. Steptunow, or

W. H. Greening  
Publisher "Southern"  
Gainesville, Tex

Jamesville, Tex  
Dear Sir,  
I have the honor to acknowledge the receipt of your letter of the 10th inst. in relation to the proposed campaign for the election of a member of the U. S. Mint at Dahlonega, Ga. I am glad to hear that you are so well known over the United States, and I am sure that your efforts will be successful. I have the honor to be, Sir, your obedient servant,  
W. H. Greening  
Publisher "Southern"  
Gainesville, Tex

Santa Fe N.M. July 11 79  
Chas B Whalock  
Ans July 13 79

Santa Fe. N.M.  
July 11<sup>th</sup> 79

James A. Cairns, Esq.  
Windsor Park, W.J.

Dear Sir:

Your favor of  
The 4<sup>th</sup> inst. has just been recd.  
I regret to say that I know of no depos-  
its of Platinum in N.M.  
There are various Gold Placers throughout  
the Territory, and I have had considerable  
experience with them, but unless some  
subsequent discovery be made, you  
cannot reckon on a supply from  
here.

About a year since some platinum fer-  
rous sulfate was sent east from Santa  
Fe, but I could never learn where it

came from, & incline to think it was  
not found in this Territory.

Platinum, however, should now  
made a special object of search,  
and should I learn of its occur-  
rence in sufficient quantities to  
be valuable it will be a pleasure  
for me to communicate again  
with you.

Very truly  
O. P. Whelock.

Send sample lead &  
ask for address of miners  
both place & quality.  
What you would give best  
attention to platinum - you  
may - <sup>desire</sup> - Aqua Regia: evaporate  
dryness: dissolve  $H_2O$  acidulate  
with Hydrochloric acid &  
Get brown yellow reaction  
with Stannous Chloride  
is quickest & most reliable  
test we use here, we are  
finding it everywhere but  
in such small quantities

Yours  
O. P.

July 11, 1879.

Elhi, Pica, County, Wash. Terr.

Mr. Edison - Dear Sir

I have a letter from you that was delivered at the office regarding a lump the melle called Platinium. I am not certain that I am acquainted with that class of melle but from what I have heard of that kind of melle I think that I now where it can be found but to what extent I can't tell I will make a brief statement of what I found some years ago in the Salmon River mountains. I was prospecting for gold and found in a small light melle that was a lump half way between gold & silver in color and on making a test with nitric acids it would not touch it. I never thought any thing a lump it was till I saw your letter now Sir please inform me if this melle was found in quantity or not and what it is worth for ore. You will greatly oblige me if I may see a small piece that I may see what it will be is it found in the Ore as iron, copper or silver or on does it appear like gold or found in place mine. This summer was very hard and brittle & was very





The assay platinum would be worth about 1 dollar to 1 dollar  
 25 cents, and I should like to see the assay, what assay  
 elements are used, is it an assay - or general test from  
 the assay department, gold to the table gold, in this water, then  
 or how much more it cost to get water - is it a general estimate  
 How do you know it cost to get water - with water what price  
 and if to be taken out, with gold, do you think the gold  
 would pay for the platinum at 1 1/2 per oz - or would it  
 question name, please have name, name, name, name  
 what name platinum - use word 'gold' and  
 lbs of platinum = assay copy

No ans

July 27 1891

at the ...  
 of ...  
 with ...  
 the ...  
 I am ...  
 with ...  
 30 ...



Required &c I may be  
able to place you in  
the way of obtaining  
a supply

I remain very  
Respectfully

Wm. H. Woodward  
Care of Edison Eng

P.S. Send address on  
last page

Write very short memo the description of  
the Rich Mine Memo on the Russian War  
is only worth 2 or 3 dollar per 9 cent  
the original memo contains a large quantity of  
information and this is what has been  
large sheets of a large number of pages  
any all the same from 10 to 20 pages  
dollar per 9 cent they are it to be the same as the

July 12<sup>th</sup> 1879

Dear Mr. Grill. Come  
 out & see you on  
 Monday afternoon  
 if possible. as the  
 papers are too long to  
 copy. you can obtain  
 suitable samples & you would  
 be able to show them to  
 your agents & samples.

G. J. Hanna

Manufacturers, Importers and Dealers in:  
 Telegraph Machinery and Supplies,  
 Medical Apparatus,  
 Burglar Alarms,  
 Automatic Fire Alarms,  
 House and Hotel Ammunications,  
 Electric Light, Electric Gas Lighting,  
 Electric Railway Signals,  
 Edison's Photograph, and Supplies.  
 Bell Telephone rental and Supplies  
 included.

ELECTRIC MERCHANDISING CO.,  
 76 MARKET STREET,  
 CHICAGO, ILL.

185 N. W. 113th, President and Business Manager.  
 W. H. WASHINGTON, Secretary and Treasurer.

Chicago, July 12 1879

Mrs. A. Edger, Esq.

Dear Mr. Edger

Merle Park, N. J.

It is reply to yours of mmr
--------------------------------

Dear friend:

I have for let out  
 with my wife one week from Monday.  
 If I can be of any assistance to  
 you in your search for platina  
 while there command me.

Sample of ore received from the  
 Silver Mine which has been found  
 to me assay very rich in silver  
 & some gold.

All the evidence shows that I have  
 a good thing.

Will write you about other matters  
 in a day or two.

I see the news papers are talking again  
 about one, Edison of Merle Park - It  
 seems to me something has been said  
 about him before.

Respectfully  
 G. J. Hanna

Cincinnati July 10 1877  
H. Sinclair  
Miss July 17 77

H. Sinclair, Care of A. F. Muttig  
493 West 5<sup>th</sup> St. Cincinnati

Cincinnati, Mo. July 11/77.  
T. C. Edison Esq  
Blount Park, N. J.  
Dear Sir:

Noticing your communication in the Daily papers regarding Platinum Chimes, I take the liberty of writing, and informing you that I know where the Black Quartz of Platinum can be found. And I presume in considerable quantities. It is about five hundred miles from here. And I think the land can be bought for a few thousand dollars. At a cost of about three hundred dollars. I could

go and get you a sample  
of the ore, and send it  
to you. Or I will go with  
a prospector for you, and  
show him where it is.  
There has been some Plat-  
inum found not very  
far from where this is.  
And a company of Capital-  
ists are forming an orga-  
nization to work the same  
if you would designate  
land where the Platinum  
is. And would like to  
buy the land for only a  
nominal value. You had  
better attend to it at once.  
All I ask of you for the  
information where to  
find the ore. Is for you  
to give me ten per cent  
of the proceeds from all

the ore you get out of  
the mine, or mines in  
that locality.

Yours Most Respectfully  
J. Sinclair

Case of:

C. A. Smith  
# 493 West 5<sup>th</sup> St.  
Cincinnati, O.

Confidential

The money promised to pay out  
got 2 men for prospecting  
If you will prospecting  
for analysis which prospecting  
then those I have already located  
I will pay you a royalty based  
every 1/2 mile

Bernalillo N. M.

July the 12<sup>th</sup> 1879

and sample  
ask for address of place  
where I send  
samples of suspension  
metal for assay  
do you get any variety of  
subjective which  
I suspect is  
Thomas A Edison Esq  
Menlo Park N. J.

Dear Sir,  
to exist in New Mexico, but  
I have good reason to believe  
that it does exist in our places  
and I shall direct the attention  
of gold washers to it.

Meanwhile you may get  
specimens of its discovery here and  
elsewhere by adopting the following  
suggestion.

The occurrence of platinum  
is invariably connected with  
the presence of a special variety  
of Serpentine rock. It is  
to long since I had a cabinet  
piece of this special variety  
in hand to be able to identify  
its peculiar distinction  
from other serpentine  
and I probably in other minerals.



gists in this country would  
not distinguish the  
Porphyrine, being the market  
for platinum & from  
other varieties.

If you can procure some  
specimens of this Porphyrine  
and distribute them, many  
be in buying them, among  
parties taking an interest  
in finding the desired  
platinum. You will  
probably prove it to discover  
even to a greater extent  
than by forwarding samples  
of the metal itself.

Send you a Copper-assy  
but that from Copper ore  
occurring in the Border  
line together with a  
large deposit of ferruginous  
gold-ore, because in my  
opinion ~~it~~ contains  
a trace of platinum.

Respectfully  
F. No. J. P. W.  
N. C.

Send you a  
specimen of  
platinum  
from the  
Copper-ore  
at the  
border  
line  
together  
with a  
large  
deposit  
of  
ferruginous  
gold-ore  
because  
in my  
opinion  
it contains  
a trace  
of  
platinum.

815 High St St Louis Mo  
Saluday July 12<sup>th</sup> 1879.

Mrs A. Edison Esq -  
New York city  
Dr Sir

I read in the  
weekly sun of July 9<sup>th</sup> of your efforts to secure a  
platinum mine - and would say that I have  
been engaged 20 years in compiling suns of  
the mineral fields of South Mo, 10,000,000 acres -  
my observations being in 12 volumes of geological and  
topographical maps (unpublished) and survey notes  
etc - In 1859 Dr Koch (now dead) and the  
party who dug up the 2 gold lodes in Alabama  
- was mining in Madison Co MO, stated that  
he had found platinum, and which mines are  
now marked on the state maps - I examined  
the place at the time and found a rock of  
pale greenish felspar that strongly resembled  
the true stones of Cornwall Eng, and judged  
that the rock contained the oxide of tin.  
I have no positive knowledge that Koch got platinum  
But will say that this iron Mt. region  
3,000,000 acres has 100 porphyry mountains  
that are full of silver lead in limestone and  
quartz veins that carry silver & gold, and judge  
from the mineral character of ones discovered  
that platinum exists - and have under my

eyes are present over of this character - masses of a  
dark and pale greenish felspar - that forms a  
vein in the central part of a dyke of greenstone  
- these masses are by trochoidal on the surface and  
look internally as if a hundred pounds of rocks  
has been broken up and cemented in a mass.  
Black sand about these dykes is abundant  
and I have thought that this ore might contain  
platinum, it is as heavy as iron ore; as some of  
the platinum ores are thus described in works  
on metallurgy - I have not made any effort to  
practically test this ore. so platinum is a metal  
not unlike iron in our common mines,  
you should consider this ore well with a test  
for platinum, and if so. will pay me for going  
down as shipping 100 lbs of the ore to the U.S.  
which if found to contain platinum in market  
quantities - the amount of ore is practically inex-  
haustible -

The black sand in these districts is magnetic  
and contains a brown powder which I have  
supposed was the oxide of iron - a shot each  
pail of this should also be shipped - I do  
not do any - my business is specially a field  
geologist to trace out the strata and map  
the vein system of various districts -  
Was 3 weeks in Wash. in June. lectured before  
the Bowline club 19. on 24th St west - on the

Silver and gold veins of Arkansas — in  
which field I have been the last 6 mo. and  
am now mining — I have also been told  
that platinum exists in that silver & gold bearing  
slate region —

Respectfully

John Van Cleave Phelps  
Geologist & M. E.  
815 High St.  
St. Louis Mo.

P.S. Will go to Arkansas next Wednesday  
or Thursday — and if you conclude to have  
the ore shipped telegraph me, and I will  
stop at the Iron Mountain and send  
it as I go down — yours J. V. P.

Send sample  
I want to see how the  
ore looks in the  
field. The Iron Mountain  
ore is the same as the  
ore you have in mind. I will  
pay for the ore and you  
will pay for the freight  
of the ore out of mine.

OFFICE OF THE

Western Union Telegraph Company,

Virginia July 13 1874

C. A. Edison Esq.

Dear Sir

On receipt of your letter last May I had the ex plate Minerologist telegr. to the State Librarian at Carson to send you copy of Minerologist report of 1871 & 72, to which I recd a reply that he had forwarded a copy to you, not hearing anything more about it from you, I suppose you recd. the book all right.

I learn through Mr J. B. Pantler that you have perfected your method of transferring power from a distance. As I am interrogated daily by leading mill & mining men respecting the "Modus Operandi" I would be highly gratified if you would send me a general description thereof. You are probably aware of the fact, that Budie Dist.

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and also Lake dist. adjacent thereto are but  
offshoots of the Courstox, & that the majority  
of the mines therein are owned or controlled  
wholly or in part, by old Courstoxers  
residing here & in San Fran. These  
parties who are daily opening up new  
mines & contemplate the erection of works,  
having heard of your invention are very  
desirous of learning the particulars thereof,  
before commencing the work of construction,  
as you are aware that the item of machinery  
& the motive power (Engines & the fuel to feed  
them) is a very heavy item in mining.

The utility of  
your invention when tried & proving efficient  
will, if the costs of running it (and this is  
what I wish to know particularly & cost of  
machinery 50 - 100 - 500 horse power) will,  
if cheaper than the present motive power  
used, of course give an impetus to mining  
in this state never before heard of. Mr  
Ekal Priest, of the Sierra Nevada, wishes  
to be remembered to you. He would like  
to procure one of your improved motors  
(50 horse power) to convey the power  
about 8 miles.

Please reply as soon as your  
multifarious duties will permit. Wishing  
you good health & hoping that you may live  
to a "green old age"

I remain truly  
Yours Truly  
& Graciously  
Geo. Conif.

Wyoming 10 July 1879  
J. Alllyn  
Another copy 24

(John J. Alllyn)

Wyoming 10 July 13<sup>th</sup> 79  
Tom.

Have heard of any  
around here nor near here

Yours Respectfully  
J. Alllyn.

Prof. & Kenneth man old  
copy =  
Write & send sample  
Card. say we are look out  
for it found in placers  
~~with~~ with gold & something  
with no gold = ask him  
for address of old miners  
& prospectors to whom  
we can send Card -

73.

OFFICE OF THE

Brooklyn Consolidated Mining Company.

Pls give address of mine in case we send  
sample cards to Mr. Huesey, the year

618 PINE ST.  
ROOMS 10 AND 14.

San Francisco, July 12<sup>th</sup> 1879

S. A. Edison Esq.

Oranien

Handwritten note:  
New York July 10<sup>th</sup> 1879  
J. W. Huesey  
Care of 215 N. 2<sup>nd</sup> St.

I have been long  
I received a circular from you, enquiring  
about Platinum in this country, knowing  
that most of the Platinum found here & here  
on this coast, was found mostly in the  
Sandy of the San Juan, known as Green Bluffs,  
also on the shore of Long Bay, as well as on  
the Schomberg and Solomon Rivers, I wrote  
to a friend who I thought would be con-  
versant with the subject for information, and  
I learn, that Platinum is not soval as much  
as it used to be, but they can send about  
1 oz of Platinum to 6 oz of gold, and if the price  
should be near the price of gold, there are  
some claims that could be worked profitably  
for Platinum alone, the Platinum is in  
conjunction with Arsenic and Osmium



The combined metal, yielding from 40. to 80%  
Platinum, my friend has located a claim and  
will practically test how much can be produced  
when ascertainable, I will let you know the  
result. In the meantime I would like to  
know from you its value, and whether that  
containing 40 or 80% would be of value,

Truly yours  
J. W. H. H. H.

Since the discovery of the large Russian mines platinum  
is sold in Russia for 2 dolls per oz. Iridium in  
large scale than can be used by gold per oz is  
worth from 10 to two hundred dolls per oz  
The Oregon platinum contains Iridium in small  
scale, about 30 p.c. is Iridium the two is  
value, it is also alloyed with iron as it  
unlike other platinum ores is magnetic  
in this account it is only worth about  
1 dollar to 1<sup>25</sup> per oz I thought that  
as it was so valuable to save it that  
miners might be induced to do so but  
as it occurs in so small quantities I  
hardly think they would. What is your  
opinion of it if they could sell it to Wells Fargo  
at that price do you think they would save it. Iridium itself is a metal



Big Foot Ill  
July 14. 74  
H. R. Whitley  
and family

Has been made of  
Hess's Bone & Crater  
3 weeks - 1 of each  
were made of  
in them were as well  
to long and ill  
for some of course  
as many as we  
to please for long  
the search the  
of the things you  
want the

Big Foot July 14

Mr Thomas, A. Edison  
Dear Sir

I send  
you to day Specimens  
of Rock taken from  
My Brothers Claim in  
Deadwood Dakota  
he has spent every thing  
as just as come upon this  
mine, Prof. Samuel, of  
Deadwood the Addresser of  
Minerals there, gave him great  
Encouragement and frequently  
visited his Claim. Saying  
he had struck Platinum  
If you find this of any  
Value: or if not please

Let me know soon  
My Brother is a Miner  
of Eighteen Years Experience  
has worked 5 years in  
the mines at Virginia City  
and Gold Hill, and  
understands it -

If this is of any Value  
Say what you are willing  
to do in regard to it, I am  
Thoroughly used to mining  
for Gold but know  
little of this Mineral

Hoping to hear from you  
 soon I am Respectfully

Yours  
A. B. Whiteley

Big Foot, Pa.  
Mc Henry Co.  
Illinois

~~Edison~~

no part is one  
long wire but  
fully across  
it has no particles  
except in my

Colorado Springs Colo.  
14 July 1879.

J. A. Edison, Esq.  
Menlo Park, N. J.

Sir: I enclose herewith a sample  
which I am of the impression may be  
platinum.

I also beg leave to trespass upon  
your precious time for a moment in res-  
pect to the "electric light." I would inform  
you, that I have just organized a company  
for the purpose of erecting gas works in this  
city, and we expect to begin operations about  
the 1<sup>st</sup> prox, and have the city lighted with  
illuminating gas by the 1<sup>st</sup> of November.  
But if your electric light is cheaper than  
gas and not deleterious to the eyes or rooms  
system, I would hesitate long before I would  
encourage my parties to assume the great  
expense of erecting works, laying mains, &c, &c,  
under such circumstances. Probably, you  
have been at Colorado Springs, a handsome  
little town of about two thousand, meeting

under the evening shadows of Coker's Park.

Though to me, personally, it would be a great pecuniary loss to cease my labors in respect to this gas company, yet if public utility and economy demand it, I will not hesitate. Perhaps this city would be an eligible point for you to commence the introduction of your electric light, as it is greatly in need of gas or some illuminating power.

We are now erecting works at the great mining camp of Leadville, Colorado at a large expense, so any and all information that you will be kind enough to furnish me in regard to this subject, and also in respect to the inclosed sample, will be gratefully received and thankfully acknowledged

by  
Yours very respectfully,  
N. F. Cleary.

Address

N. F. Cleary, Atty.-at-Law  
Colorado Springs, Colo.



although I feel sure that they have it. I asked  
Mr. Hallow Kinston who said they never had any  
but I have reason to know they have

Plenty of it could be secured from the hydraulic  
machinery of a market now gone in it now  
only runs to waste. It is found in small quantities  
in nearly all hydraulic mines, although but few  
know much of it. If you will look in the  
report of Prof. Blake of New Haven, on Minerals  
at Paris Exposition, in before last, you will find  
a great deal in detail about the pure analyses of  
hydraulic sands found in places, & you can see  
what proportion is sand. If you will mention  
what you will pay per lb for the material, as  
comes from the mine, mixed with its impurities or  
organics, always associated, I will send you a  
paper several times & stir up the hydraulic mining  
booster it. None of it is to be of any service to  
you with waste in any other way than ~~its~~ consumption

John H. Hallow  
of  
California  
sample by

Chas. G. Yale

Editor Mining & Scientific Press

Box California Academy of Sciences

Room 202 Berkeley, Cal.



FROM THE LABORATORY OF  
T. A. EDISON,  
MENLO PARK, N. J.  
U. S. A.

Dear Sir:

Would you be so kind as to inform me if the metal platinum occurs in your neighborhood? This metal, as a rule, is found in scales associated with free gold, generally in placers.

If there is any in your vicinity, or if you can gain information from experienced miners as to localities where it can be found and will forward such information to my address I will consider it a special favor, as I shall require large quantities in my new system of Electric lighting.

An early reply to this circular will be greatly appreciated.

Highland July 14/74  
Dear Sir the Metal Platinum is not found in here, from O. Price a man that owns a gold mining claim at Biggs River valley Oregon says that there is some there his claim is at East Portland Oregon  
Very Truly  
Thomas A. Edison  
N. J.  
your friend G. Wallace Dick

*Write O. Price  
Biggs River  
valley Oregon  
at the address  
of the  
valley Oregon  
at the  
valley Oregon  
at the  
valley Oregon*

Highland Or July 14, 79

G Wallace

give address of

Price

East Portland Or

write Price July 23-79

24 Storn St  
New York  
July 14<sup>th</sup>

J. R. Edison Esq  
Meads Park N. J.

Dear Sir

In conversation a few days ago with Capt. ~~Edison~~ of the Edison, New Brighton Co. I learned he expected a note for me to write you in regard to light for his mine, Capt. ~~Edison~~ reports Mr. Thomas Osgood of this City.

Mr. Osgood is one of the wealth & most successful Iron Miners we have, it is one of the best Mines of the kind, they want good light, now you please write Capt. ~~Edison~~ on the subject, it is a case worthy of your consideration

Indy July 14<sup>th</sup>  
Wm A. Kester  
Indy July 14<sup>th</sup>

Candles & lamps don't work well with them.

Direct to Capt. John  
Eddy, Friedmans Lehigh Co Penn.

I have been anxiously awaiting your decision in regard to that ~~one~~ ore I sent you sometime since

Truly Yours  
Wm A. Kester

we analyzed the ore & it is sulphide lead little antimony

Some silico I have no use for it. It cost to pay to work it for silico



*Minerals Co  
New Rider  
and July 1872*

H. ATKINS & CO.,

DEALERS IN PROVISIONS AND GUANOS.

*Gainesville, Ga., July 14<sup>th</sup> 1872*

*T. H. Edison, Esq.,  
Monk's Park, N.Y.,  
Dear Sir:-*

*Through a mineralogical friend of mine, I can point out the location of a mine where platinum can be found, but whether it is in sufficient quantities to pay for working, I do not know.*

*It is in syenitic granite and would cost, probably, a large amount to develop it, as it should be done.*

*I studied Mineralogy in the University of Georgia, but do not claim to be an expert.*

concrete for  
about 100 only  
the same price  
as you buy  
any quantity  
of this rock  
for every  
thing you  
buy you get  
the same  
quantity  
of sand as  
you want to  
buy for  
the price

developed in this  
section of Georgia, especially  
in this (Hall) County and in Lump-  
kin County, a great number of  
valuable Gold Mines, also, those  
of Copper and Silver. One,  
a rich mine of Argentiferous  
Galena, is now being opened  
within five miles of our  
town.

I also know where Graph-  
ite (Plumbago) can be found in  
large quantities and of very  
fine quality, suitable for writing  
pencils and crucibles.

I can also find Manganese,  
if there is a demand for it.

Hoping to hear from you at an  
early day, I remain

Very truly yours,

M. W. Riden

#75:1885  
sent July 17/99

# TREMONT HOUSE,

JOHN A. HOOR,

No 21 E. Harrison Street CHICAGO.

July 14<sup>th</sup> 1899

Prof. A. Ulrich Esq

Sir. My attention has been called to your enquiries with reference to Platinum, and when this deposit of metal can be found in large quantities, as you have definitely fixed upon this metal for business for your Electric Light, etc. I have just returned from an extensive Mineralogical exploration in the Republic of Mexico, and find this metal's formation occurs in several of the mineral districts in Mexico, and even particularly those belts of mineral located on the Eastern slope of the Sierra Madre mountains. There is doubtless some platinum in California, but I think none in large quantities will be found in the United States. I have noticed some of the <sup>metal</sup> scale of this in the drift formations, in the State of Sonora, ~~but~~ not in large quantities. Much larger bodies of this metal is found in the states of Chihuahua, Zacatecas, Durango and Chimala, in these states my observations have been more searching, and I find platinum in large quantities associated with other metal and Metalloids. Mr. Mineral de Avon's a mining district situated about 80 miles north east from the city of Durango may be found an abundance of platinum in combination with other metals such as silver, galium, osmium, rhodium etc. It also seems to be largely disseminated in primary rocks of igneous origin.

The secular characteristics of these deposits in all portions of  
Siberia, so far as they have come under my observation, are light gray  
in color, or silvery white, occurs in small veins, in places about  
the size of a mouse paw, it sometimes has the appearance of very coarse  
iron filings, it is shining and bright. It is about as hard as iron.  
The structure of this metal is frequently lamellar, but not  
from any ocular indications. This metal can be found in  
any quantity in all Russia, and if you should not be able  
to find the quantity of platinum you may require in this country,  
I shall be happy to make you any service that may lead to  
that end.

Very Respectfully Yours

H. F. Pickley

Mineralist, St. Petersburg

Address No 21 East Russian Street, St. Petersburg

Thank you very much for info  
about plat. trade - If you will  
give us info leading to - as that we  
can find the trade we will pay  
you royalty or we will make any  
arrange all I desire to select a  
cheap rate but I hardly think  
it can be effected - men as cheap as in Cali-  
fornia in the gold mine this is doing  
a small amount of plat. comes down  
with gold & this being a medicinal  
can be got cheaply but owing to  
ignorance of us why the quantity is large  
because of us also find the trade to be  
profitable - Please give us your advice - I have  
never before in Idaho one in California & we  
send you to Utah of Colorado

Giffon's American Geographical Establishment.  
MAPS, ATLASES, GUIDE-BOOKS, etc.,  
No. 172 William Street, New York.

G. WOOLWORTH COLTON.

CHARLES B. COLTON.

LESTER A. HOBBS.

New York,

July 14 1879

G. W. & C. B. Colton & Co.

To J. A. Edison

Meriden Park

I have enquired  
your Catalogue of Maps, &c

Also a Copy of N. S. Columbia - the  
only Map in hand of - covers other picture

I know that one in our stores comes  
There have been several changes in Madison  
we order that one here of, but have not been  
able to get definite information concerning the  
one. The Map has in the price as well  
shown in our previous order - Price 50 -  
to be returned if it does not please you

Respectfully,  
Lester A. Hobbs



Mined Delight

Wyo. Ter.  
July the 15th 1899

Thos Edison Esq  
Menlo Park N.J.

Dear Sir

In answer to  
your lithograph of no date, I have to  
say that a white metal occurs in minute  
scales in the rocks in various part of this  
belt which has not been classified: there  
being no minerologist here, and not even  
a common assayer: There being no use for  
one, as the values consits altogether  
as far as ascertained in free gold.

Would you send me samples of the ore  
which you can obtain of E. A. Foote 1223  
Belmont Avenue Philadelphia? Or if  
I send you samples will you have them  
analyzed and give me a correct return of  
all values whether they contain platinum  
or not?

Foote has none - found  
sample land with California +

Oregon platinum + Indosamin. please send samples  
I send you 4 tubes for mailing will give you amount of gold

Very Resply  
D. D. Wolff

Geo. A. King,  
President.

I. K. James,  
Secretary.

Herbert Ott,  
Secretary.

OFFICE OF

And July 21 1879

Yellow Jacket Silver Mining Co.

Sold Bull, Nov July 16<sup>th</sup> 1879

Mrs. A. Edison Esq<sup>d</sup>

Dear Sir -

From sections of daily papers I learn you are in search of platinum. When engaged in working the auriferous sands of Oregon 2 years since I found it in considerable quantities combined with Arsenium & Silicium. If you think you could avail of it I shall be pleased to give you full particulars gratis. I had a foundry set up in San Francisco last year but attaching no value to it threw it aside - I brought it down from Oregon merely from curiosity -

Yours truly &c W. A. C. Esq<sup>d</sup>

would be very much obliged  
for any information of  
localities where it can be  
found - what is the manner in which  
you would advise to

make regular arrangement to  
have all produced out there,

Russian platinum ore: .84 pc Pt  
price St. Petersburg 2.20 per oz

U.S. of Colombo, S.A. # 72 pc Pt:  
at Buenaventura; ~~1.00~~ dollar fully to

dollar eight - Oregon platinum  
55 p.c. Pt - 20 pc Indosummit, (no good

unless large scale used by foreign government)

worth from 1 to 1.25 per oz - 8 and  
sample card - Could you give address

Thanking you in advance for  
your information I remain

So the Yellow felt cooling off -

We send 2 cards - to find generally  
in places come down with gold in gravel  
sand bar - is likely bearing platinum  
gold if its found in Silt or V. sand it  
likely probably to be in talc, or near serpentine  
O'Brien tubes to mail sample  
- =

New

July 15/79

at fir. Please send me  
one of your cards sprinkled  
with Platinum

I am going prospecting for  
Gold near Mono Lake. &  
might stumble on Platinum

T.A. Edison Rapt

N.Y.

J. Am. Hamilton

225 1/2  
Burlingame

University of Oregon 10/29/11  
97 Bullard  
Madras, OR 97548

I am an experienced  
Prospector

been all over New Mexico  
Arizona, Cal., New  
Mexico, Colorado  
Idaho, Nevada &  
South America  
but never saw Platinum  
in a ~~mine~~ <sup>mine</sup>. So I must  
trust to your specimens  
sent

Franklin Centre, P. 2. July 15th 79  
To Thomas A. Edison Menlo Park N. J.

Dear Sir In New York Weekly Sun of July 9th I notice that you want a platinum mine and the article also states that the metal is present generally in Black sand. Now I know where there is a place on the shore of a lake at the mouth of a river where there are ten acres or more of this sand apparently washed down by the river. It lies in rifts along the ~~bank~~<sup>shore</sup> and in a long spit running into the lake. It is very deep and there are probably 10,000 tons of it. There are also deposits along the river but not in so large quantity. The sand is very black and fine and feels heavy. It is like plaster sand dyed with ink.

The river runs out of a range of mountains and is very rapid. It runs through chasms and deep ravines and the rocky banks or rather walls abound in caves. It is one of nature's curiosities and is much visited by tourists. The place is easy of access by both rail and water and the mountains abound in magnetic iron ore. Some tell me this black sand is iron ore but if it was I should think it would be oxidized by the action of the water and atmosphere and that would make it of a red color at the surface. Now if you think that there would be platinum in this sand write and tell me how to test it in a simple manner and I will send you a sample if you it contains traces of the metal. In case it should exist in paying quantities.

Very

what would be my remuneration. It lays  
about 100 miles from here and unless it would  
be worth while to go my circumstances will  
not admit of the time and money required  
to prospect it. Of course I do not want any  
pay till after you are satisfied that the  
mineral exists in paying quantities  
sufficient to entitle me to remuneration  
for what services I may have rendered  
and a fair compensation for my share of the  
discovery. This place does not lay near  
the Chaudiere region. It is 500 miles  
distant

Yours Very Respectfully

Frank R. Lord

Franklin Centre

Prov. of Quebec  
Canada

Very Dear Sir

pleas

to be satisfied

of the quantity

of the mineral

exists near the

place

of my share

of the discovery

will be

to be

of the

of the

of the

of the

of the

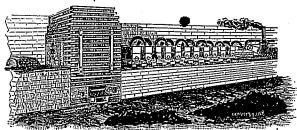
of the

of the

of the

of the

Franklin Centre  
Prov. of Quebec  
Canada  
July 15 1874



KNOX & O'BRIEN QUICKSILVER FURNACE. 217 feet ab.

SAN FRANCISCO.

July 16<sup>th</sup> 1879

T. W. Edison Esq

Dear Sir

Your favor of the 7<sup>th</sup> is at hand.

On receipt of your circular, I at once wrote to my brother of the subject matter, and have received a reply from him - There having been no purchaser of Platinium heretofore, no one has saved any as far as I know on this coast, but with the necessary information and a purchaser ready to buy all that is offered I have no doubt you can get all you want. The black sands are very abundant on the coast from Cape Mendocino to Oregon, and are washed for gold in many places, and by taking the black sand without saying what disposition is made of it, it could be had for the trouble of saving it. It is got in considerable quantities in every Hydraulic and drift gravel diggings in the State - In cleaning up the gold the sand is washed out as clean as possible not to waste the gold, and a



2  
Magnet takes out the balance - In Washing, as far as I have ever known (I was for 6 years the owner of the Hydraulic Mines at Little York Nevada Co) the amalgamation is done in the Sluice boxes, putting in the quicksilver near the head of the boxes and with the gravel it gradually works down with the gravel current towards the lower end of the boxes - In cleaning up, we begin at the head, take up the blocks or stones in the bottom and with a small stream of water, wash all down to the foot of the first string of boxes, when it is cleaned of the coarse gravel & tumbled into a bucket or tub, & the next string of boxes handled in the same way to the end - When all gathered into a tub, amalgam, quicksilver black sand & pyrites, it is taken to the office or laboratory, where it is carefully washed as mentioned above - There is abundance of black sand on the creek near this city, about 2 or 3 miles south of the Cliff House where there was quite an excitement in gold washing last summer - It did not pay for gold, but if the sand contains platinum I think large quantities could be had - My brother writes me that there is a vein or ledge of Rock east of Cos. City said to contain platinum, and I will write again to him, and urge him to visit it and get some specimens - He says there is one point on Smith River, where considerable quantities have been found -

3

I have written also to Trinity co. lying nearly South East from Cres. City when I heard some Platinum had been found, but get no satisfactory information - Trinity co. however contains vast banks of gravel & will be one of our large supplies of Placer gold for the future, and from my present information I think these northern Counties of Calif & southern Oregon will be the chief supply of Platinum - I think I can make arrangements with all the mines to save their black sand if you have at the present, information enough to name a price it would be safe for you to pay - I presume that sand in cleaning up the gold from gravel mines would be many times more valuable than such as you would get in large quantities on the beach - On the beach below Cres. City is a deposit of black sand and gold, from which I think my brother can without much trouble wash out a few pounds and send you through the P.O. to see its value - I think the gold there did not pay, and the place was abandoned many years ago - There is a bank of black sand in southern Oregon at what seems to have

4. at one time ~~to have~~ been the the beach, but now considerable distance inland - the four concentrates were created then last year to try and work it for gold, but the work did not pay, and all costs abandoned -

I mention these locations to show you the sand is most abundant, and you can get all you want - The only question in my mind is with all black sand pay -

The black sand from cleaning up the gold washings would be but small affair, but probably rich in the metals you want - I will prospect among the gravel miners and write you again soon - I will also send one of your specimens to my brother, and get him to look further into the matter and write to you -

Respectfully and truly yours

R. F. Snow

217 First St

your lot of 15' need many thank for the information. I hope your brother will send an the sample, I am getting a large no of assays, all indicate that platinum is found in Norton Co & ~~some~~ <sup>some</sup> ~~are~~ <sup>are</sup> ~~found~~ <sup>found</sup> by sample that in cleaning up in hydraulic sluices, that the debris as it goes into the amalgamation pan contains about 4 or 5 much fine scale of platinum as gold ~~to~~ <sup>to</sup> ~~cover~~ <sup>cover</sup> I make among            to have been over the

Sent from July 15-79  
W. J. Harvey  
Cass July 25-79

217 First St  
Cass July 25-79

Mining & Mineral Loans  
Agency for North East Ga.  
Gainesville Ga  
July 15 - 1879

Prof. Thos. A. Edison  
Dear Sir

I notice your card  
in the News Papers wanting a Platinum  
mine, I know of but two in the U.S.  
one of which I consider good. The other  
more doubtful. Now I will make  
you this offer, that should you  
fail to find a mine in this country  
satisfactory to you, and will let me  
know, I will agree to show  
you one that I think will satisfy  
you, - for one thousand dollars  
and my traveling expenses, the money to  
be deposited in any Bank in Atlanta  
Ga. until I carry out my part of the  
agreement, I would be pleased to  
hear from you,

Yours very Respectfully  
J. M. Cochran  
Mineralogist  
Gainesville Ga

<sup>or</sup>  
Ref. given if  
desired. , C.

We will purchase now any  
platinum mine that will pay to  
work - with or will work if platinum given  
you the gold or pay a royalty on the platinum  
you can make your own bargain, all we want is the  
platinum at a cheap rate. We are not miners & will  
pay for the platinum.

July 15<sup>th</sup> 1879  
My business engagements  
prevented my calling  
on you yesterday. Still  
I hope to be able to do  
so tomorrow.

Respectfully  
R. J. Haines

Go ahead your will take the  
of your own mind. I am  
of a good deal of work, in all kinds of  
of the best for the business, or  
of your own mind, and the  
of practice, and the  
No. 48. Newton Street  
Buffalo, N.Y.  
July 16<sup>th</sup> 1846.

I am a practical miner  
and prospector of mines. I have  
no doubt of having discovered a  
first class proof of Platinum  
in the Snake River. I am the  
owner. If any gentleman should  
be so kind as to give me a few lines  
of information, I will be glad to  
send you a specimen of the same. Paul J. Jones

Klamath Mill P. O.  
Stikely Co., Cal.

Klamath Mill P.O.  
Stikely Co. Cal July 14  
John Duggett

OFFICE OF

Klamath Quartz Mining Co.

July 16<sup>th</sup> 1879

J. A. Edison Esq  
Menlo Park

Dear Sir

Subjoined find

the names and addresses of parties who  
may be of service to you in your regard:

Dan: Sutherland

Big Bar

Klamath River

Humboldt Co.

Cal

Walker

Weiterpfer

Klamath River

Humboldt Co

Cal

If the mine yet comes down in gold-coming  
I could you save it with pay \$1 per \$3  
or a million of you will  
have to be about \$1000 a week for  
about three weeks long. etc

Montgomery Co.  
Mill Creek  
Trinity River  
Humboldt Co  
Cal

John Chapman  
Gold Bluffs  
Humboldt Co  
Cal

John J. Lacey  
Hooper Valley  
Humboldt Co  
Cal

Enclose a number of names  
of the leading mining Companies -  
with the address as given above -  
they are all on Mill Creek - Trinity  
River - Humboldt Co -

Yours Truly  
John Daggett  
Berth



Marietta Nevada

July 16 1879

Thos A Edinboro  
Dr

Dear Sir

In answer  
to your Circular, I would  
state that there is no  
Platinum in this County  
so far as heard from.  
A residence of ten years  
& some experience in  
Mining enables me to  
state the fact from  
personal knowledge.  
There is a small vein  
of Tungstic near here.  
Can you inform me if  
it has any particular  
value?

Yours Truly

J. S. Wood  
S. W.

Send small  
sample Tungstic  
by mail will enclose in receipt  
if they value ask for receipt  
and Card -

Office of Henricks & Co's Mine  
Oroville July 16<sup>th</sup> 1879

Mr S A Edison  
Wenlock Park N<sup>o</sup> 3

Dear Sir Yours of

the 25<sup>th</sup> ult, being mis-directed, only reached us a few days ago. Our operations in the mine were suspended about a month ago, for lack of water, and after the clean up all our sand was sent to the mill; the sample we send you is some which has since been gathered while making a second clean up of the bedrock and has not been in quicksilver; except a small bit (in paper parcel) which one of the men saved, while passing out amalgam, as a curiosity.

We are not able to inform you as to the quantity of this kind of sand which passes through our works per day, - no attempt have been made to save it but rather to get rid of it either cleaning amalgam.

Mr Glass of the Spring Valley L & M Co, whose mine is about 8 miles north of us, tells me of similar character, tells me he works you fully on the subject of platinum in their sand and the difficulty of saving<sup>it</sup> and

no doubt, he being somewhat of an expert, his descriptions will apply to the sand in our mine as well.

Whether there is any platinum or iridium in the sample or even gold we do not know, but for the purposes of the electric light and of yourself personally, we trust you will succeed in finding the locality where there is an abundance of this group of oxides.

Yours Truly,

J. W. Wiedrichs

By J. N. Dorn

We find there is considerable platinum at Mr. Glasse's mine, and I think enough to warrant the use of sodium amalgam to save it. We find that in the sand which has passed through the silver pan no tin is thrown away at Mr. Glasse's mine, contains considerable gold & it is known that sodium amalgam will do better than any process reducing the hardest coating of peroxide from from the gold, would you be willing to treat your clean up matter by the addition of sodium to the mercury if we will furnish it free this will give you more gold, and of the platinum saved we will pay you 50¢ per oz. treat your gold and give it absolutely of silver, and do it ~~anywhere~~ at your mill, & having some very smart German chemists. If you will send 25 lbs of sand that has passed through the silver pan, we will give you the amount of gold in it.

Copyrighted by J. W. Wiedrichs  
100 West 10th St  
St. Paul, Minn.

Copyrighted by J. W. Wiedrichs  
100 West 10th St  
St. Paul, Minn.

Lakeview <sup>Lake Co</sup> Oregon - <sup>Madison</sup> <sup>Sept 17, 79</sup>

I do not know of any place where  
it is found in any quantity in  
this part of the country.

Respect  
Sloan Phillips  
6307

Copy  
Cable message  
Oregon returned to  
person address at  
Lakeview  
from  
Portland  
Sept 17, 79

Lakeview Or  
Sloan Phillips  
6307



Walla Walla, W. T.

Walla Walla, W. T. July 17 1879

J. A. Edison Esq  
Grunk Park, N. J.

Dear Sir

I enclose find a letter  
elicited by my inquiry - and clipped  
from "The Daily Oregonian" of recent date.  
The Rogue River region of Southern  
Oregon is rich in animals - birds in  
particular the most promising fields for finding  
antitoxic platinum. Another party from  
same locality. what he will forward specimens  
to one shortly or which in turn will go to you.

When the electric light is so far perfected  
as to be economically used in small cities  
I shall want to make some arrangement to  
introduce it in the New Northwest. *Yours truly*  
J. C. Smith

OFFICE OF

M. C. HOOD

Walla Walla, W.

showed about that time. A confid. who has heard of values until he imagines they exist in the air, says there is sure to be one at that time. W. T. S.

**PLATINUM IN CURRY COUNTY.**  
 Edwadsburg, Ogn., June 17, 1879.  
 To the Editors of the OREGONIAN:  
 I saw in a recent issue of your paper a paragraph stating that Edison had inquired where platinum could be found. There is lots of it in my gold mine; and I have given away several pounds of it. I have sent several lots of it to San Francisco, with a view to ascertaining the commercial value, but have heard nothing from it. The amount of ore that I take out is about twenty per cent. platinum, which is easily separated from the gold. The platinum is of the same character as the gold, very fine. The largest particles would weigh about the tenth part of a grain, and the finest are barely visible to the naked eye. All the gold mines immediately along Rogue river produce more or less platinum, and the miners do not attempt to save it because there is no demand for it. WILL. HUNLEY.

1879

J. A. Ed  
 Dear Sir

elicited by  
 from "the Daily Oregonian" of recent date.  
 The Rogue River region of Southern Oregon is rich in minerals - and is perhaps the most promising field for finding antitetic platinum. Another party writes same locality that he will forward specimens to one shortly which in turn will go to you. When the electric light is so far perfected so as to be economically used in small cities shall want to make some arrangements for its introduction in the New Northwest. W. T. S.

Woburnville - Wt. July 17 19  
McMurry  
normally

July 28

We will give you \$1 per oz  
for the all the ore you have  
or can get. The Oregon plat  
contains abt 52% pure plat  
the balance is iron palladium  
iridosmine ruthenium &c

What plat there is in the form of  
a natl alloy with iron - I have had a man  
3 weeks trying to separate all the iron  
from the platinum but at present  
retains abt 5% Russian plat & US of  
Columbia plat has abt 80% sold at abt  
2.25 per oz + I would pay more for Oregon  
if it was for this imperial combination  
& by separating the platinum's metals

Send 2 Three Wills Frogs in small or large  
lots. You might to make use of off plat to buy

Sodium amalgam to make your mercury more  
fluid that some of the gold from the sand is then covered with  
a thin layer of iron ore for an inch thick. I see perhaps purchase  
Sodium & stop it to you - 1 lb for plat. is much cheaper price  
than you can get - The Frogs are not used for anything this is the  
- 4/1 - 1/4 but you see that we will not let yourself if you have sodium

No Platinum  
No Lead  
10 Elmwood Place  
New York City  
Recd July 17<sup>th</sup> 1879

N. Edison Esq.  
New York N.Y.  
America

Dear Sir

I see by a  
Paragraph in the London  
Daily News of Tuesday  
(15<sup>th</sup> inst.) that you call  
your compound "Platinum  
alloyed with inferior metals"  
in your new electric lamp.



This I think is coming  
near if not to the <sup>same</sup> ~~same~~  
composition of my  
when powder of Platinum  
William & iron (stannic)  
a small portion enclosed  
in reply. I will take  
25/- per lb (twenty  
five shillings per lb)  
for the ~~check~~ <sup>cash</sup> order  
I have on hand and  
for any other amount  
I can hereafter receive.  
In my letter to you of  
26th Decr. last I asked  
10/- per lb for this  
same powder, with <sup>the same</sup>  
my previous offer (Decr. 10th)  
at my present quotation  
I shall be glad to hear from  
you with an order for the

quantity named at your  
earliest convenience  
if you find it will  
answer your purpose.  
It is as far as I know  
at present a most  
limited production and  
most uncertain in quantity  
or no doubt it would  
come at a much lower  
price, but we can only take  
it as we find it. Yours very truly  
*James Walker*  
Special Protection  
None like this  
Carefully to keep you

MORGAN DRAFER,  
Consulting, Mining and Civil Engineer and U. S. Dept. Mineral Surveyor.  
ADVISES AND REPORTS IN REGARD TO  
Mining and Milling Operations.

Lake City, Colorado, July 17<sup>th</sup> 1879  
Thomas A. Edison Esq.  
Menlo Park, N. J.

Dear Sir

A letter received by the editor of the Silver World newspaper of this town, from you, enquiring in regard to Platinum, was brought to my notice and I was requested to look the matter up. I am in possession of the following information in regard to the matter.

In making some analysis of the flake gold found on the San Miguel and Dolores rivers I found platinum in quantities varying from  $\frac{1}{10}$  to  $\frac{1}{2}$  gr. I also found some small specks of the metal in some pannings from the Gold Run Creek.

I shall be in New York about August 5<sup>th</sup> to 10<sup>th</sup> and should be pleased to give you any further information on the subject. My address will be

N<sup>o</sup> 61 Broadway Mining Record Office.  
The very large placers of the  
San Miguel are beginning to be worked  
extensively for gold and you probably  
would find several processes for obtaining  
the  $H_2$  from the gold.

Respectfully yours.

Morgan Draper.  
Mining Engineer & Chemist.

address him at NYC & write him  
down to me Park.

For City Copy  
July 17 24  
Morgan Draper  
San Francisco 24

HOLLY & MAGOON,

Manufacturers of

The Standard Cultivators, Dealers in Agricultural Implements,

WAGONS, HARDWARE, PAINTS, OILS, ETC.

Stony Point, Cal. July 17 1879

Thos A. Edison Esq  
Dear Sir

In answer to your  
Circular, would say we have no places  
mines in Sonoma Co. Home has no Platinum  
In early days in Mendocino Co. We found  
Among our Gold small cubes or scales  
that was pronounced that metal, but  
in what quantity it might be obtained  
would could be only solved by careful search

could  
mine from ash  
& if any one in Mendocino  
I got Uncle Tom's  
had his name  
kind but according  
the time of day of  
of the day  
I take these  
have found them  
Caled found them

Very truly  
Yours  
B. Holly

Strong Point July 12/24  
S. B. Hall  
and Aug 12/24  
+ wrote apt Wilds Traps  
Maniposa Cal  
Same date

New Haven Ct  
July 1874  
Chas Munson  
Pres July 29 74

Numbered

New Britain July 18, 1879

Mr. J. A. Edison

Dear Sir

I sent to day by Adams  
express a small package (Express fee paid)  
containing some of the minerals before exam-  
ined. That marked seconds in  
my letter of 8th inst, the same being the  
lead sample that marked third  
the same being the gray, copper sample.  
and that marked fourth, the mag-  
netic iron.

any specimens sent not to be  
of the same kind as those

meant to have visited the nearest lo-  
cality (that of the gray copper) and to  
have got prices from another place of  
the same mine; but presume what  
I send will be enough for fair trial of  
that mineral.

I encd the two sample cards and  
have sent them forth. Shall cer-  
tainly have some ores from the other  
veins in a few days. And very likely

from other places also.  
I have communicated with Mr. Lewis  
and co-worker in the department of  
mines. He had just let his men  
off to do their bagging, and so he  
is off on the track of platinum.  
And I have urged him to look  
into the status of that hard named  
customer which (for facility of utter-  
ance) I shall call Molly P. Pennum.  
I shall advise to keep you posted, in  
the line of his effort, and of  
mine; and anything from you  
is interesting of course.

Respectfully,  
E. H. Monson  
145 Elm St.



Water bill R.D.

7-10-79

My Joe We want the book ~~entire~~  
description of postal routes ~~that~~  
are ~~published~~ ~~in~~ ~~the~~ ~~North~~ ~~has~~ ~~any~~  
<sup>route</sup> published maps of country west  
of Mississippi river. They have  
of some Eastern States.

I don't believe you can much  
progress in the wild hunt, except  
by old maps. There's an interview  
is travel for off & will set people  
to hunting. It would be a good thing  
to print in small circles & send out  
with you inquires.

Yours truly

W. H. H. H.

Watch Hill Rd July 14, 29  
W.H. Bunker  
ans July 23 29

You call it a wild hunt, I hope  
to close a contract in a week  
or two with the Cherokee  
Hydraulic Mining Co  
California to save all  
their platinum which will  
be 10000 oz yearly \$1. per oz  
as against 7 or 8 in England

Engene, Oreg. July 18<sup>th</sup> 1877

J. H. Edison

Sir. Yours of July  
3<sup>rd</sup> Rec<sup>d</sup> I have spoken to other parties  
about in answer to your questions.

"The Miners after taking out the gold" throw  
the sand away. They will save the sand  
if it can be sold. It is found along the  
Coast any where, but at seasons there  
will be no gold, all seems all washed  
away gone farther to sea. Then in a  
few months it will be found as good as  
new. I spoke to a party asking what they  
would agree to sack and ship a ton  
of the sand to you for. He would be  
willing to engage to do it at about 6  
dollars a ton. Then of course he wanted  
to know how many tons would be  
wanted, that of course I could not  
say. This a small amount might be that  
dear, or even as high as 10<sup>00</sup> a single ton.  
Larger quantities could be brought down

to a lower price. They would <sup>not</sup> for  
a valuable contract and then you could  
get things cheaply. I could not  
say more precisely as to where only  
you could find him a particular spot.  
It is any where along the coast.

Now you have the price as near  
as I can give it you. If you wish  
to make a contract with any one  
I will assist you all in my  
power. You can state the amount  
you want the price you will pay  
for it, and how to draw on you for  
the pay. I will see that you have  
all you want and have it attend-  
ed to right off. I got your letter  
some days ago, but have been so  
lucky, and away from home, or  
~~it~~ would have been answered  
much sooner.

Yours Respectfully  
J. P. Hill.

s. they mean in washing for gold  
do not bind scales of plat comes  
down with gold  
Will pay \$ per oz for all  
as good as sample  
In this way twid save shipping  
large quant bld sand

Empire District  
of California  
Mining District  
M

EDISON'S  
ELECTRIC PEN AND PRESS  
GEO. H. BLISS,  
Gen'l Manager.  
76 St. J. MARKET ST.  
PNEUMATIC and MECHANICAL PENS.  
Chicago, July 18 1879.

V. A. Edison Esq.  
Mankato Park, N. J.  
Dear Sir;

Your of the 16<sup>th</sup> contained  
a card with sample of Platinum  
& Iridium wire. There  
were no interactions, if any  
please drop a line to me at Salt  
Lake on receipt of this.  
I am for the west Monday Aug.

Respectfully

Geo. H. Bliss

Genl Mgr

Write B.

ask him to get the address  
of every prospector he can  
show the card to old miners  
get locality where they saw them  
localities most plentiful in washing  
plants - etc.

C. P. Higgins, Pres<sup>t</sup>

Capital \$50,000

Thos. Kennell, Cash<sup>r</sup>

# Missoula National Bank

Missoula, M.T. July 18<sup>th</sup> 1879

Henry A. Estlin Esq<sup>r</sup>  
New York City N.Y. Dear Sir

Yours of 7<sup>th</sup> inst with  
4 samples as stated go at hand -  
We handed your former letter and also 2 of the samples  
last sent to Dr. Emil Hecker of this place who is  
interceding himself in the matter and has already  
taken steps to ascertain whether the mines in our  
county contain a sufficient quantity of Platinum to  
pay for saving -

We will be glad to serve you in any way in our  
power and have no doubt that Dr. Hecker will do more  
than we are able to from his knowledge of what you  
want and having more time to devote to the matter  
than the writer can command -

Very Respectfully Yours  
Thos. Kennell Cash<sup>r</sup>

Handle  
4 more samples  
from that region  
Platinum region  
in places there is  
as much platinum  
down in long times as  
there is gold

Los Baños Merced Cal  
July 18th 1879  
W. A. Edison Esq  
Menlo Park  
N. J.

Sir - In reply to your circular  
inform you that we have no  
mineral productions in our  
neighborhood and the Metal  
Platinum is not known here

Yours  
W. A. Edison  
P. M.

Ask for a address of business  
of prospectus send card  
Say industrial platinum  
was found - Early  
day at Mariposa.

**H. M. THOMPSON,**  
Manufacturer and Dealer in

**SEWER PIPES, & C.**

(Formerly H. M. THOMPSON POTTERY CO.)

OFFICE: 800 CHESNUT STREET,

St Louis, July 19<sup>th</sup> 1879

Thomas A. Edison Esq  
Menlo Park N. J.

Dear Sir: Several years ago  
Dr. Theodore Welff, Chemist & Assayist  
graduate from Berlin University - and  
for 10 years officing with me here in  
St. Louis - found Platina in Missouri  
ores. What for curl - I cannot say -  
and at present I have no specimens  
of the ore - though I recollect seeing it -  
I know where it is located however  
and could probably procure samples  
if you desire them -

Congratulating you on the success  
of your scientific discovery - I  
am yours truly -

H. M. Thompson  
send sample card also 2 tubes ask  
for samples of ores - see notice in MO Geologist



Hermosillo  
July 19<sup>th</sup> 1849

Thomas A Edison Esq  
Wentz Park N.Y.

Dear Sir, I in reply to yours of  
Jan. 11. <sup>th</sup> enquiring for Patagonian I  
am sorry to say that no discoveries of  
that metal have yet been made in this  
state, should I hear of any I will  
immediately inform you of it

Yours very truly yours  
for the Director

E. A. M. man

Send Card =  
say we have need sample of  
Plot from several points in  
Mexico =

E. A. Chase  
and Aug 1, 79

Oakland

Oakland Oregon July 17, 1879.

Mr. T. A. Edison Esq  
Lenox Park N. Y.

Dear Sir

Yours of the 20<sup>th</sup> is just received. Specimens all in good order for which accept my warmest thanks as we have been troubled to get Platinum in its natural state. I sent by Mail 3 1/2 lbs. Rock to Mr. M. C. Moore at Walla Walla W. O. as follows 1. Specimen from the shaft on Tellurium ledge 2. from the tunnel on the lower shaft on Silver Eagle, and a specimen of Annulars from this vicinity. I should have sent to you direct had I known your address. I trust you will get all of them if you do not by informing me of the fact I will send the missing ones the President and foreman of our Company

were here last Monday, they informed me  
that the mill would be ready to start in  
the first of next week, the promised to  
send me some more specimens of Ore as  
soon as they arrived at home. Some different  
from what I sent, as soon as recd I will  
send you some. You will find these spec-  
imens interesting, if not different in Charac-  
ter. I am proud to confess that our best Assays  
are troubled no little to tell all of the metals  
contained in the rock, there is at least  
two metals that the rock contains that is  
very little known here. we have had assays  
done at San Francisco, at Virginia City,  
at N.Y., at Portland Oregon and have  
worked the rock ourselves, which is the most  
satisfactory to us of any work we have  
had done so far. we have obtained 12 lbs of  
Metal from 7 lbs of rock. we have discov-  
ered a process also of separating Gold, Silver, Copper,  
Iron, and Platinum but have not tried  
the process on the other metals yet, we

find a quantity of Bismuth, we have  
also Cropped by the tunnel a vein of  
Gypsum 1 1/2 ft wide. we find Chert too  
but not in paying quantities probably.  
The <sup>mountain</sup> on which we are at work rises 2500 ft  
above the valley at its base and is a mass  
of Bismuth. our tunnel starts at a point  
500 ft above the valley, the lowest on our  
Claims accessible and we include the  
summit in the Claims. The Course of  
the Ledges are S. 30° W. E. we are working  
this mine by an Organized and Incorporated  
Co Capital Stock \$20,000 divided in  
200,000 Shares. the stock is free from all  
liabilities and has constantly advanced  
until it is now worth \$3.00 per share  
and will advance as soon as the mine  
gives satisfaction, we have not placed any  
Shares on any Stock Board yet have  
sold all to citizens of the County so  
far after you assay if you think stock  
is worth sell then to the amount of 10,000 or

analyze your ore & will make an  
analysis of it. I shall not have any  
difficulty in analyzing same. Have very great hopes  
they are as they are and will make analysis for Pt. or  
if they can get our metal will let you know. My plan was  
of 1000 shares we will sell that amount  
for we don't have a little fund down to 1000 and to be  
to just pay for some small bills as we have  
gathered up the 1000 shares about formation of probability  
I have been as belonging to the Company  
and may be any other way  
soon as possible. I shall lay your  
interesting letter before the board of Directors  
at the earliest opportunity. Please send  
me a statement of the price you will pay  
for Platinum how shipped, at what  
expense, how prepared, and any other  
items pertaining to the matter and I will  
submit the same for the consideration  
of the Board. All your very kind  
offers concerning analyzing the Ore,  
hoping this correspondence will be  
mutually advantageous.  
I am very Respectfully yours

P.S. we are 25 miles from a R. R. E. B. Chase  
direct to Portland with a good wagon load to P. R.

[ATTACHMENT]



Send him Card  
say we have found plat in the  
sand we are cleaning up the <sup>flume & before pan</sup>  
~~mine~~ <sup>sample red from the</sup>  
<sup>very same</sup> <sup>mine</sup>  
Hawland Flat, <sup>west ches,</sup> July 19/79.  
Thos. C. Edison, Eng }  
Numb Park }

Dear Sir:

In reply to yours  
in regard to platinum I would say there is  
none found in this vicinity. The mines in this  
vicinity are either placer or hydroallic. In  
either case the gold is in scales ranging from  
very fine to large pieces weighing ten lbs but  
in no case has any Pt. been found associated  
with these scales of gold.

If you ever wish any infor-  
mation in regard to the mines here, or any thing  
appertaining to your line of business, then write  
me a line and it will receive proper attention.

Yours Respectfully

Alonso S. McFarland  
Hawland Flat  
Sierra Co. Cal.

From an analysis of the sample of  
quartz made by Mr. H. C. Haskell  
of Baker Co. Oregon  
July 20, 1879  
I find that it contains  
platinum but cannot absolutely  
ascertain that our vessel  
was clean & send up  
two please send some of the  
quartz - also in one place you out  
1/2 of the heavy white spangles,  
Mr. Colson,

Say that we got a trace of  
platinum but cannot absolutely  
ascertain that our vessel  
was clean & send up  
two please send some of the  
quartz - also in one place you out  
1/2 of the heavy white spangles,  
Mr. Colson,

July 20, 1879.

Sir,

I send ~~with~~ this mail  
two samples of quartz from which, by  
pulverizing and panning down I obtain  
a substance somewhat resembling the  
platinum on the card sent Thos.  
Smith of this place, although finer, on  
account of being pulverized. I enclose  
a few grains obtained in this way, in  
case it is not the metal sought, I  
should like to know what it is, if not  
troubling you too much.

Yours  
N. C. Haskell

By pulverizing the quartz  
you will obtain a better  
sample than that enclosed.

No Plat

Antwerp, Placer Co. Cal. July 20<sup>th</sup> 79

Mr J. A. Edison.

Mendocino Park, N. J.

Dear Sir,

Your favor of June 20<sup>th</sup> at hand.  
I am mining on American River, nine miles  
from Port Blaine, hence the delay in answering.  
In reply to your question would say that the  
body of our fine which we have got products  
of Placer is a lead. The ore is like ordinary  
fine which we look for gold or silver in this  
part of the country. It appears more like  
limonite or limonite ore in fact we know  
but it carries quicksilver. About 2% in the  
surface, which is pretty good for surface indices  
of quicksilver, as it is very soluble and the  
best of the ore will soon extract a part of  
it if left out, and will do the same in surface  
work.

2. The ledge is easy of access being six miles  
from Victoria on the Central Pacific R.R. and  
good wagon road to the place. With plenty of  
wood and water for cooking the men should be  
paid more money. We would sell the location  
or would sell enough of it to raise money to  
develop it. That is would sell a controlling  
interest to any one who would put up machinery  
for working the rock. I am as for what one knows  
of this rock. It has been predicted for quantities  
more than anything else. My partner in the  
course of his experiments piled some of the rock  
with dry wood and burned it. When the rock  
died gone but he noticed something that looked  
like platinum scales. He afterwards poured out  
the ashes and got about four (5) ounces of  
Platinum scales which he sold to a dust dealer  
for \$8 per ounce. The dealer calling it Platinum.  
He afterwards tried some of the rock by a process  
laid down in Whitney's Chemistry for taking  
the Platinum ore. I believe it is treating it  
with Nitric Acid and Hydrochloric Acid and  
precipitating with Chloride of Potash. He obtained  
something that he did not understand. But



He sent the result to one of the best assayers  
and watchmakers in Sacramento who pronounced  
it Platinum Spongy. This was a year or two since  
if the work is at all rich in Platinum it must  
be a "big thing" as the quantity of work is practically  
unfathomable.

I send you by mail some mail as this a  
small lot of the work taken from the surface  
if it is not enough for a satisfactory test one will  
send more per express. 75 or 75¢. The ledge is  
200 or 300 miles from here on C.P.R.R. and this  
sample is all I have here. It requires a couple  
of days time to obtain more or small and more  
was very heavy put now and cost will go up  
but if you find metal sufficient in this to justify  
further trouble or expense in the matter will send  
you all you want if to a car load. Please let  
it be handled by some skillful watchmaker and  
if not asking too much I should be much  
glad to hear the result of his assays.

Yours truly

D. J. West.

Carlton. Plumb  
Cal



I would like for you  
to answer this and  
please forward me a  
sample of Platinum  
as it occurs in its  
deposit -

I am a Miner  
and prospector and  
contemplate going on  
a prospecting trip soon  
to the mountains for gold  
& silver bearing quartz

Very truly

M. Colvig

advs

Rock Point

Packman Co

Ofc.

R. P. Britton

July 21<sup>st</sup> 1879

Manifield

Manifield, Teoga Co Pa.

and July 22<sup>nd</sup>

T. A. Edison Esq

Dear Sir

Your name was handed me this  
AM as advertising for Platinum  
through the columns of the Scienti-  
fic American it being a very rare  
mineral - in fact so much so that  
it has never been mistrusted to exist  
in the Atlantic States at all nor in  
America I believe save a very little  
in California until recently a  
couple of us have discovered a very  
singular substance that proves to  
be that valuable Metal - and we  
are only waiting now land holders  
action to give us an interest when  
we shall open it and I think we can

furnish you a considerable  
share of what you desire

We have also only last week dis-  
covered a new mineral (at least new  
to us) and we mistrust it may  
be some of the much rarer metals  
as Indium - Vanadium - Rhodium  
Bismuth and several others.

Can you tell us what it is?  
and what will be the price?

5 lb and a pulverised specimen now  
if you desire - and a rock specimen  
when we secure it if we succeed  
in so doing. I enclose your reply  
if you see fit to do so.

Respectfully yours

R. F. Butler

and on receipt we will

send you a certificate of

the fact that the mineral

is as described and of the

send sample Card - ask for samples  
say it is washing with a pan in places  
these scales will get come down  
together - they are a heavy or gold -  
if you have any samples send in -  
we send 2 bottles

Edison, N.Y. July 21, 1879  
Prof. Edison

Sir

I see by the N.Y.  
Weekly Star of 9th inst, that  
you are in search of Platinum.  
We have gold, silver, copper and  
lead in this vicinity, together with  
an abundance of black sand; but  
as I should not <sup>know</sup> Platinum if I should  
see it I can't say whether we have  
any. If you ~~would~~ <sup>will</sup> send me a card  
describing its appearance, and whether  
found in quartz, with other minerals,  
or black sand, or in both, you  
will much oblige

Yours truly  
B. G. White

sample sent  
from  
Simpson  
which came from  
with gold  
found 2 tubes  
with sample  
sent same of  
from same  
reference for analysis

Lakeport, California  
July 21<sup>st</sup> 1879.

Mr. T. A. Edison  
Menlo Park, N. J.

Dear Sir:

Your favor of 8th Inst.  
making further inquiry for localities producing  
Platinum &c. is received.

I have a friend here, who spent several years  
mining in Plumas County California.

I showed him the samples you sent me, he  
recognised the articles at once. He gave me  
the names of two men living in Plumas Co.  
and engaged in mining extensively at the  
present time. He says they are entirely reliable,  
one a practical Miner, the other an Assayer and  
analizer of Metals. You can address them thus:

N. Ladwalader  
Spanish Ranch,  
Plumas County  
California.

Practical Miner

John A. Edman  
Meadow Valley,  
Plumas County  
California. Assayer & Analyzer of  
metals and also  
Practical miner.

Hoping you will succeed in finding the article  
you desire to perfect your invention, that it may  
prove a blessing to Humanity and source of  
remuneration to you.

I remain Very Respectfully  
Yours,  
Chas. F. Bigorstaff

At your service,

If I can do you any good

At any time

Yours,  
Chas. F.

Delbert C. Quinn  
19  
Mr. S. B. Bigorstaff  
Littleton, Colorado  
Aug 17/16



Albina Oregon  
July 21. 1879

Mr. T. D. Edison.

Sir

Your favor of June 30. came duly & kind  
and the samples inclosed, pleased when they were so the most  
good -- and mine wanted. They are just the thing  
mines understand such language as that. I have given a  
correspondence with all the mining region hereabouts and in  
the adjacent territories and if there is any of either of them  
on this side of the Continent I. C. find them for you.

Please send  
me more samples -- this will run as long as next time.

Respectfully Yours,  
W. H. Walsh

Send Mr. C. G. Bards  
" 6 letters on  
samples.  
Be for in copies  
Albina Oregon. Please  
for Plat. & every  
place small print  
plat

Albino Dr July 24, 79  
W.D. Baker  
ans? Aug 1, 79  
sent 10 cards  
to tubes

OFFICE OF  
SHAMBROOK & CO.,

DEALERS IN  
DRY GOODS, GROCERIES, TOBACCO'S CIGARS, GLASSWARE,  
CROCKERY & GENERAL MERCHANDISE

Yonqua Ferry, Oregon, July 21<sup>st</sup> 1879

Mr G. A. Edison  
Newark Park  
N. J.

Dear Sir,

In  
reply to yours of recent date, I  
would say that I know of none  
in this vicinity but I shall make  
enquiries and if such discern  
I shall let you know.

Yours Very Truly  
Geo. H. Shambrook

sent to  
from preceding  
found in all 1873  
followed in  
of which cost  
only 100¢ & 5  
also per merchandise  
supply by 1/2 per  
of any amount

United States Legation

Mexico. July 21, 1879.

Prof. Thos. A. Edison  
Menlo Park, N. J.

Dear Sir: Upon receipt of your letter of the 9th ult., I called on the Minister of Public Works, to whom the subject of mining pertains, and left with him a copy of your letter & secured from him a promise to give it early attention.

I am now able to send you a <sup>translation</sup> copy of his reply with the original letters to which he refers. I do not translate the letters as I have thought you might like to have them original. The substance of them is that platinum does exist in the State of Hidalgo (near this city), but it has never been worked or mined, and the experiments thus far made leave it extremely doubtful if it can be produced in any considerable or paying quantity.

Very truly,  
John W. Foster.

Big Foot July 21 '79  
H K Whitley  
ansd July 25 '79

Big Foot July 21 '79.  
To Mr Edison  
Dear Sir

Yours of  
July 18<sup>th</sup> is received. I was  
very careless to not see my  
Box of Dimples, and sent in  
letter corresponding to you. You  
have described my Box exactly  
It was a Paste Board Box  
with Common Wall Paper pasted  
on, of which I will send sample  
if possible. Contained 3 Dimples  
one a light colored with 1871  
upon it, one of the other Dimples  
was very dark colored, the  
other one, light colored.  
If you can send me

Correct Statement of their  
Value for Lon. (if there is any  
thing of any account  
in them) I would be glad.  
The No 1 is from a vein  
said to contain Silver  
Situated in Bear Butte  
Dakota, near the Indian  
Treasure, of which I  
own 1/4 interest, but not  
yet prospected. If the  
other specimens of Platinum  
My Brother would be glad  
to make arrangements with  
you to develop it, as  
he has no means much  
I remain truly yours

W R Whitney

Big Foot Co.

Mc Henry Ill

Send Card to be forwarded to his  
brother, says no platinum was  
detected in it - We only test for  
that metal - you too can best  
test for the platinum by crushing  
rock in water & panning with  
water until he get the scales  
of platinum which are heavier  
than gold. These scales having  
small bulk can be sent in a  
letter to me for analysis  
From other sources of information  
& sample I learn that Platinum  
occurs near where your brother  
is - As far as plat has only be  
found in places in panning  
for gold.

New York, N.Y. Am. Mining  
July 27<sup>th</sup> 1877

Mr Thomas A. Edison

Wards Barber, & Co  
Charleston

Dear Sir:

"Dear of July 9<sup>th</sup>" I find your circular inquiring for  
"Platinum." You mention that it occurs in connection  
with "black sand" &c. I know where black sand can be  
gathered on Chesapeake Bay, by ship loads after storms,  
but being much heavier than other sand, it is soon covered  
by the long settling sands on retreating carry back the light colored  
sands, & it was by investigating this matter, that leads me  
to answer your circular, for we all take pride in your  
inventions. Now, if platinum always occurs in black  
sand, you will need to go me four shels to obtain all you  
want. It will cost one or two hundred dollars to furnish  
you one or two barrels of this sand, which I will take to  
you, provided you deem the information desirable. I do  
not know that there is "platinum" mingled with the sand,  
but state just the facts, leaving the deductions to your own  
judgment. The black sand is there, is many times heavier  
than other sands, is abundant, & easy to collect by ship.

I refer you to Mr Samuel S. Parsons, Nurseryman, at  
 Huntington, Long Island, as a voucher of my letter,  
 or to any good man in Holoka Fla. where I made the  
 acquaintance of Mr Parsons. Also, sending me  
 visit me, I further refer you to Mr C. Fairchild, who  
 is at the head of a large Seminary for boys in Washington  
 D.C. I saw the man who was avoid from drowning  
 in the sinking of the bark Idone Wind, by the steamship  
 contractor, & he will recall me.

I am unable to investigate this matter without aid, &  
 if you want me to collect & ship specimens barrels of  
 the black sand to you, please remit as above, & you will  
 I will present myself before you with the proofs of  
 enough for all your wants, if the sand is there.

Wm. Fairchild  
 1101 1/2 St. Louis  
 in black sand. but all  
 all sand has not  
 Plat - They are thousands  
 of places from 100 to 100  
 of Fla. where there is  
 plenty to be seen -  
 Change some here  
 not to any other  
 you when  
 Mount Liberty, N. C. Staunton  
 Staunton  
 Staunton

Staunton Va  
 Wm. Fairchild  
 Staunton Va





San Francisco July 21 1879

S. A. Edison

Menlo Park N. J.

Dear Sir:- Yours at hand.  
I enclose you herewith a  
list of works on the Mineralogy of  
Cal which are really all  
~~that~~ are published on the subject.  
"Whitney on the Minerals of the  
Pacif. Coast" Proceedings of  
the Cal. Academy iii 372-375  
1869 is out of print neither  
the Cal. Academy nor  
the publisher having a copy  
on hand.  
Yours Respectfully  
A. L. Bancroft & Co. g. m. o. g.

North Carolina

Wilmington July 21<sup>st</sup> 1894

Prof. Edison,

You can find platinum in considerable quantities in Western North Carolina. I would like to make a contract with you to supply you with any quantity you may wish. I can procure the acceptance of Prof. Alex. State Geologist, and

I will deliver the metal to you at any point, and in any quantity for a fair remuneration. I am poor and would be glad to procure work of the kind. You can rely on my energy and honesty. In proof of my statement to that effect, I refer you to the officers of the two Banks here, First National and Bank of New Hanover, &

I send you a copy of my message  
 to the South Atlantic  
 as my  
 friend  
 of the  
 from  
 3  
 W.C.H.

the Episcopal Bishops  
 of this Diocese, &  
 the N. C. Senators and  
 Representatives in Con-  
 gress & the Govern-  
 or of this State, the State  
 Officials, the Bar and  
 the Clergy of N.C. &  
 Hon. W. W. Cameron,  
 Washington, D.C.  
 Hon. Alex. Stephens,  
 Crawfordville  
 Ga  
 Hon. Geo. Jarvis,  
 Wilmington, N.C.  
 &c. &c.  
 Very respectfully,  
 Mrs. Grace W. James.

FROM THE LABORATORY OF  
T. A. EDISON,  
MENLO PARK, N. J.  
U. S. A.

Dear Sir:

Would you be so kind as to inform me if  
the metal platinum occurs in your neighbor-  
hood? This metal as a rule, is found in  
scales associated with free gold, generally  
in placers.

If there is any in your vicinity,  
or if you can gain information from experi-  
enced miners as to localities where it can be  
found and will forward such information to  
my address I will consider it a special favor,  
as I shall require large quantities in my  
new system of Electric lighting.

An early reply to this circular  
will be greatly appreciated.

Very truly

Thomas A. Edison.

Menlo Park,

N. J.

Platinum exists here - may be in  
considerable quantities as it is in all the gold  
dust - we receive unless taken out before offering the dust -

Sample of metal taken  
from the site of the  
placers in the  
vicinity of the  
mine -

W. Jordan Wimer, P.M.



Walter O. J. 1919  
W. Gordon Wines  
and Aug 1<sup>st</sup>  
out 2 coins

Elkhorn Reef July 22 1879

Mr. J. A. Edison

Menlo Park, N. J.

Dear Sir

In reading over the Weekly Star I see you are putting forth great efforts to find a Platinum Mine. Having spent sixteen years prospecting on this coast and from my own experience and the tales I have heard around the Camp fire from old prospectors I feel confident had I the means I could find it for you. But the means I do not possess. And the County is a hard one to prospect in on account of the Indians, and supplies. But if you are willing to furnish me with ample means I will work faithfully for you

Most Truly Yours

Samuel Howard

Elkhorn Reef

Washington Co.

Utah

P.S. Should you want reference as to my honesty or faithfulness to those employing me I can refer you to the most prominent men of this place or Salt Lake City.

sample can?  
Kindly pay no money and prompt return  
we know where it exists before have collection  
of those who are already known for and others

July 22  
Sample sent  
To Mr. [unclear]  
T. H. W.

33  
Frank  
across the  
mountain  
and to place  
had to place  
of goes - of  
to the mine  
to the mine  
to the mine

Read  
the  
letter

Dallas Texas  
July 22 - 1879  
Thos A Edw  
Wor  
Eg  
Orlin

1879  
July 22  
H. W. [unclear]  
Camp [unclear] 31

Having taken very considerable interest in your invention of electric light. I feel disposed to aid you in your search for cheap platinum. I send you a specimen of gold bearing black sand obtained about two hundred and forty miles south west of this place. It was taken from a gulch by an old miner and is not "salted". Place it in a pan, pour in some water and you will see the gold by shaking. The yellow sand does not really belong to the specimen but got there by accident. There is an abundance of black sand and I believe of gold where this came from and this miner tells there is intermixed at some points a fine whitish metal of which he knew nothing. The lands from which the specimen came. I understand can be bought for a song. Silver in rich quantities has been recently discovered in the neighborhood.

I have this proposition to make: if you will furnish the means of war, I will organize here a company of three or four practical miners and make a thorough exploration of the gold bearing black sand area. It will require perhaps

two months to do it thoroughly, there will have to be an outfit of one or two, two-horse wagons, a riding pony, digging and blasting tools, tents, supplies &c. not forgetting guns for protection. Rail roads have already been projected through this section and will doubtless be built in a year or so, judging from the present rail road fever in our state. Besides it is already within easy striking of Austin & San Antonio. I think \$600<sup>00</sup> will be ample to procure outfit, pay miners and other expenses.

As for myself—while of course in a matter of this sort there must be some trust reposed, rights reserved,—I will state that I am a practicing attorney here; a native of Virginia and a Master of Arts of the University of Virginia, I take much interest in mining and have already visited the district spoken of. I refer you to Hon. Jos. T. Harris, Harrodsburg, Va. member of Congress from my old Va. District: to Hon. Ohio Willborn my present member, Dallas, & to Easton & Thomas of Exchange Bank Dallas, or to any other prominent citizen or attorney of the city.

If you conclude to engage in the matter, please designate the most modern and simple test for platinum, and send what other directions you think proper.

I have vacation during August and September and wish to make the explorations then.

Very respectfully,  
Harry H. Stevens.





United States Mint, Carson, Nevada,  
SUPERINTENDENT'S OFFICE,

2  
....., 187

Humboldt Co., Cal., writes me giving  
a description of a metal, which I take to  
be platinum, saying that the gold sands  
of the coast are plethoric with it.

I have requested him to send me samples  
for an analysis, the result of which I shall  
take pleasure in communicating to you.

Respecting information as to the exis-  
tence of platinum in Idaho, I would  
suggest that you confer with the Super-  
intendent of the U.S. Assay Office, at Boise  
City, Idaho.

I am ignorant as to the existence of  
the metal in places on Inyo County,  
but shall take steps to obtain the most  
intelligent information upon this head.

3

United States Mint, Carson, Nevada,  
SUPERINTENDENT'S OFFICE,

187

It reasonably suggests itself to me that our knowing of a platinum mine of the richness of the deposit as the Placer County mine is said to be, should be possessed of sufficient acumen to understand that it is more valuable than silver. -

The fact that large quantities of platinum lie hidden on this coast has never been doubted by me, <sup>and</sup> the establishment of a market for it will furnish an impetus to miners to unearth it. -

In conclusion, I desire in the most friendly spirit, which I am sure you will recognize as purely disinterested, to caution you against the purchase of reported platinum mines, for, as a

United States Mint, Carson, Nevada, 4

SUPERINTENDENT'S OFFICE,

....., 187

rule, to obtain the precious metals necessitate  
the expenditure of their full value, <sup>and</sup>  
in many instances, more. -

Very Respectfully,  
James Crawford  
Supt.

Virginia News July 22, 1919  
C. C. Putnam  
wrote Putnam &  
Barkeley  
August 1919

Virginia News July 22, 1919

Mr. Edison

Dear Mr. Edison  
Just talking with W. Stewart  
Stewart understood that  
you wanted Platinium that  
he had wrote you about a mine  
where A. J. Barkley & myself  
took out some in Tale we  
took out as long as we could  
sell it and had to stop  
because we could not sell  
any more it is not pure but  
has a percentage of Iridium  
& Rhodium combined  
If you wish to examine the  
mine compare of A. J. Barkley  
of San Jose Cal.  
Yours resp. C. C. Putnam

Putnam send cards

Barley

And you who've been of late  
for palat some 'prage. In view whedant  
or credit be who profitably, that conty - indomine  
with from 1-1/2 to per of accdy to amt - iris - in it  
Latter very low price now owing to large quant  
found in Russia - w'd like inf and sample

THE SIGN OF THE CROSS-BOW, BROADWAY STREET,  
Cottleville, Ky., 22 July 1879

M. A. Edison Esq.

I enclose you specimen of Beach  
sand & metal found on the waters of Big Sandy River  
in the Mountains of Eastern Kentucky if the same  
contains "Platinum" then I have gratified your wish -  
If not - will you be kind enough to send me a sample  
of Sand &c. & I shall use my best efforts to prospect for  
it. kinds of our Mineral belt. Sincerely  
Yours Truly,  
Frank H. Garrison

Sand sample land -

Platinum scales are malleable -

Not dissolved by nitric acid -

Kidney not malleable not dissolved by  
any acid - but for always been found  
in places along with gold & has same  
weight in washing pan & goes  
with the gold -



Winters Gold Co  
Cal July 22nd 1899

V. A. Edison <sup>110 W. Chestnut</sup>  
Reading <sup>August 1, '99</sup>

There is no  
platinum near Reading.  
Three or four men  
almost unacquainted with  
mining (during last winter)  
made washes washing out  
gold (at Winters) and found  
about half the quantity of  
platinum, but had to quit  
just as soon as the sand  
ceased;

It is my opinion that  
water could be brought from  
the creek above, at a cost of  
about 4,000 dollars and the  
yield of gold per man would  
be about 12 dollars a day, I was  
told some time ago that the  
land could be

W. C. Harding.



Thinking for me  
beginning and forward  
Kobron a lot of  
see not more than  
1125 Perfect Pearl  
is worth just 7 1/2  
The of weight &  
whether in change  
or small wire  
sheet-temper  
Plant in my words  
1/2

obtained for 20 Dol per oz.  
yet I am quite sure that  
if the present owner had  
any idea of its quality, the  
price would be raised.

The dentist formerly secured  
a little platinum (fine of cast)  
we get  $9.50$  per ounce for  
it. The platinum now on hand  
here (the parties ask)  $7.50$ .

Respectfully  
D. W. LeHardy



J. C. AINSWORTH, President.  
S. G. REED, Vice President.

G. J. AINSWORTH, Gen'l Supt.  
THEO. WYGANT, Secretary.

Oregon Steam Navigation Company,

OFFICES CORNER FRONT & ASH STREETS.

Portland, Oregon, July 22 1879

Mrs. A. Edison,  
Menlo Park, N. J.  
Dear Sir:

I am just in receipt of yours of the 10<sup>th</sup> inst. Please accept thanks for information of the new telephone. The price you offer for platinum is much lower than the market price here. The amount obtained in Oregon is small.

Yours truly  
G. J. Ainsworth

What is market price, who buys it  
Will parties buy any quantity offered  
than in Oregon platinum ore only contains  
43 pc of platinum



aut copy to  
Godson Aug 19  
for translation

1877

S. Salvador, Julio 22

Sr. Thomas A. Edison  
Menlo Park, N. J.

Estimado Señor

Tengo el gusto de referirme en res-  
puesta á su muy atenta de 11. del pasado, informándole  
que hasta ahora no se ha tenido conocimiento de que ha-  
ya platino en los minerales de la República, pues ni  
aun la mas pequeña cantidad se ha encontrado en las  
minas en explotación.

Sin embargo, según opinion de inteligentes,  
tambien puede encontrarse en los cerros de Santa Ana, uno  
de los lugares mineros de este país; y en caso de ha-  
berlo, dicen que será en fracciones diminutas.

Es cuanto puedo decir á Vc. referente al  
objeto de su carta, aprovechando esta oportunidad pu-  
ra ofrecerme de Vc. como su atto. y s.

Servidor.

Rafael Zaldivar

# The First National Bank of Portland

Designated Depository of the metal of gold, U.S.

Portland, Oregon, July 22<sup>nd</sup> 1879

Mr. Tho<sup>s</sup>. A. Edison

Menlo Park N.J.

Dear Sir:

I send you this day by mail a registered package containing a small quantity of platinum for your inspection. please advise me on receipt of same if it is the "genuine article" and <sup>and you</sup> what you will want in the use of your electric lights, also what the value of same will be per oz. I have just rec<sup>d</sup> this from Prof. Tho<sup>s</sup>. Bonden, of Eugene, O<sup>h</sup>, who writes me as follows, "I have just found that package of platinum and hasten to send you part of it - Tell Mr. Edison there is no doubt of the supply - The gold found in the sands almost pays through a wide extent of washing, a good market for the platinum found associated with it would make a clean profit the beach washing from which found extends from Port Orford to Yaquina of found to a in the interior"

Yours Very Truly James Steel <sup>OVER</sup>

The platinum <sup>ore</sup> sent contains 47 pc of platin.  
The rest is palladium, Iridosmine, Ruthenium  
Lini-platin ~~Iridium~~ Rhodium - A majority of  
the platinum is combined as platinum Iridium -  
This makes it bad for working - California  
platinum ore has 82 pc of platinum & is  
worth about ~~2~~ two doll 25c per oz

The Oregon sample would be worth about  
1 dollar to 1.25 per oz. I hardly think this  
would pay to mine, without it was a residual.

product in regular gold washing &  
could be saved easily by the miners  
What do you think - Could not the chemists  
be induced to save it instead of throwing  
it away - I send card of California plat.

Forwards  
James Dick  
Crescent 1919

STATE OF TENNESSEE.

OFFICE OF

Comptroller of the Treasury,

Nashville, July 23, 1879

Mr. Thos. A. Edison,  
Menlo Park, N.J.

Dear Sir:—

The Governor cheerfully  
grants the order on the Li-  
brarian, and I have the pleas-  
ure of mailing to your  
address (book-post) a copy  
of "Safford's Geology of  
Tennessee." Hoping it  
may be of some service  
to you, I am

Yours truly

W. S. Canine

Comptroller

Lottsville Warren Co Penna

July 23<sup>d</sup> 1879

J A Edison

Dear Sir, I was informed a few days ago, that you were inquiring about Platinum - where it could be had west, or, by letter yesterday from B L Getherolf Jamaica. So I learn you have ascertained, what we supposed German to be so, so I would call your attention to some facts in regard to Platinum, which may be of import to you or others. I gave Mr Getherolf two years ago a sample of the black sand called iron sand from Vermont, which a Mr Allen of Jamaica machined a irrefragably man of that place had for certain uses. I gave it him 1. Test for gold & Platinum, we put it in solution and the usual laboratory tests gave reactions for Platinum, the Chemists in Philadelphia put it in solution, but a party interested in the deposit found a small per cent of gold obtained in the combination, that a New York Chemist assay gave Platinum, but Philadelphia's device its existence, there was a large deposit of the material in Vermont. Mr Allen, a Mr Getherolf could give you its locality; I have lost the address of those interested in the ore. We supposed the Penna was held Platinum, but have not had the final test, the metals which show the close resemblance must obtain from the factory



This iron sand, was used for some iron combination  
but the admixture of chrysolite, seemingly garnets  
was a hindrance. I had a magnetic concentration  
in one washer of simple construction, and  
there was some talk of testing it here if  
such concentration would remove such matter  
but this never tried,

These Pisma are hold Alkaline matter also  
carbonaceous matter, some of them much  
Nickel as well as gold, this is the great cause  
of refractory condition, this combination  
not understood by the chemists - has covered  
the gold from ordinary methods of assay -  
Petroleum holds some metals in solution  
some in suspension, its possible that the  
carbonaceous matter which coats the metals  
may have come from their being subject  
at some time to its influence, such  
matter prevents the action of acids upon  
the metal. Fierstein has its influence  
in the crucible to prevent reduction forming  
glass probably, the Alkaline matter, naturally,  
common acids, so the one has been rejected  
from ignorance. Mr. G. A. Smith of the Penn  
University called the sample of Fierstein  
but him, sandy substance, he is State  
Metallurgist; and on the 2<sup>d</sup> geological survey.

As all facts have been held, in disrepute  
as the authorities, so understood, did not  
understand the case, or did not wish to

Very Truly Yours  
Wm. W. L. L. L.

Acetone

anhydrous  
but no plant  
in any  
analysis of Linc  
not been made yet  
and crystals of Linc  
get for chemist

10-1-1894  
Mack S. Evans  
Lafayetteville, Ark.  
123187

Christine Cole  
July 23<sup>rd</sup> 1879

Aaron Johnson

Aug 5<sup>th</sup> 1879

Christine Mendocino Co Cal<sup>a</sup>  
July 23<sup>rd</sup> 1879

Mr Edison

Dear Sir I trouble the  
liberty of trespassing upon  
your valuable time thinking  
that I may be of some value  
in aiding your work of lighting  
by Electricity many years ago  
I then a very young man  
assisted a gentleman in London  
England to exhibit the Electric  
light and also made drawings  
and also some of the fine  
Machinery for his experiments  
we exhibited 3 lamps one a  
Carbon light run by clock work  
which clock work I assisted also  
in making one by making

standard - say all we

want is platinum or -

we get all the result

that we derive with an

alloy of platinum & gold

we understand that

platinum as has been found

in place washing at

Callopella Mendocino Co

San Francisco

California

the

the

the

the

by making a piece of platinum spiral wire incandescant and another also by incandescence which gave a superior light to the platinum spiral.

that was apparently indistinguishable gave a brilliant light and was pronounced far superior to the platinum inferior in light to the Carbon but well adapted to rooms. The substance was not thicker than a piece of writing paper about 3/4 of an inch long by about a 1/4 inch wide supported by two stout pieces of Platinum wire which was notched down to receive it as I have not heard any thing about it in any late experiments I presume it may not be known my object in writing to you is that I may make something by my knowledge of it. Yours Respectfully Aaron Salaman

Myrtle Point  
to Amber  
Aug 6, 79



Thos. H. Eaton, Esq.  
Wenlock Park - N. J.

Dear Sir:

In answer to your circular enquiring if Platina or Platinum occurs in our neighborhood, I would state that there is considerable Placer Mining done here on the South Coquille River, Johnsons Creek and Sixes River - also in the Blacksands on the beach at Randolph. The dust on Coquille River is mostly fine sand or flake gold - and contains considerable Platinum - The dust on Sixes is coarser grain and I do not know if it has much Platinum or not. The dust from the Blacksands or Beach Mines is very fine and I understand has platinum to considerable extent - Please inform me what you can pay, and how much you may want, and I will try to

make arrangements with the miners about  
saving it -

Very Respectfully Yours, etc.

C. Bender, P.M.  
Middle Point, Oreg.

If it is as good as samples I get  
from dif parts of the beach I  
will pay \$1 per oz for any  
quant greater or shall throw  
Wells Fargo & Co

I have rec'd so far 3 samples from  
beach sands contg 43 pc ahr  
46 ahr 48 pc pt bal being  
iron alloy & with pt also irid osmium  
(no osm except in large qts) pallad  
iridium ruthenium & rhodium  
If these pt scales were not so  
infernally alloy I cld pay more  
prosp the scale for your vicinity  
may carry large prop to pt. It  
the purifying of these highly alloy  
scales that costs so much

Sample card the pt is from the dead mine by washings  
Cal. there is 75 to 85 pc pt in 'it' ~~it's~~ fairly  
& is worth from 175 to 275 - acc'd to how  
clean its sand out.

Washington Mill,  
Crushing and Sampling Works,  
Elliott, Ballou & Co.,  
Rushers Hill, Lead & Co.,  
Georgetown, Lead & Co., Cal.

Lake County Mill,  
Crushing and Sampling Works,  
Gilligan, Ballou & Co.,  
Dundas in Lake, Lead & Co.,  
Leadville, Lake & Co.,

Silver River Mill,  
Crushing and Sampling Works,  
Hickel & Silver River,  
Smelter, Ballou & Co.,  
Georgetown, Lead & Co., Cal.

Leadville, Colorado, July 24<sup>th</sup> 1879

Prof. J. A. Edison,  
Menlo Park, N.J.

Dear Sir:

One of the miners of Summit Co. has  
promised me samples of black sands when he  
makes his claim up which he states will be  
very shortly, & acts on his behalf a description  
of yr. process for separating the gold from the  
black sands referred to in yr. of 8<sup>th</sup> inst, with  
cost capacity re.

Very respectfully,

Wm. Ballou

The process is an electrical one  
using the dynamo machines of  
the electric light for furnishing  
current, and perfecting it



Littleville Town, Warren Co.

July 24<sup>th</sup>/79

Mr J A Edison

Dear Sir, I enclose a letter to you from a small land owner, in Carbon Co Pa, who from necessity wishes to dispose of his mineral right. In working stone for building purposes his boys exposed a vein of ore 1 1/2 feet to 2 feet wide some thirty feet. They had faith it was valuable, and sunk a shaft some 35 feet thus exposing some 40 feet of the vein, it grew richer. The wall rock is the best sand stone so common there holds Nickel Cobalt and Zinc. &c. This vein in assay gave 200 dollars per ton in gold. I helped do the work on it so know the result. The place is 1 1/2 miles from Parkerton or Beaver run on the Schuylk river. If you wish to obtain a deposit, it can be got cheaper than in 39 acres of land. Some buildings were erected of cheap kind for a refinery some several thousand dollars expended but abandoned from necessity. This man spent his last dollars help develop what would help the interest of every operator & land owner there. I cannot pay him what I owe him neither can my former partner at the present time. I want the mineral developed on the state. Dr. Fetherolf at present is engaged on some formulas which it is hoped will give a working process for these ores. he gets such

from me, I shall be willing for such to  
be public property - I in letter which I  
felt impelled to write you yesterday gave  
you key to the combination of the combination -  
If you desire to invest this section has  
many advantages, you would do well to  
of course, I have cist to work which today  
I control but did not a few weeks ago, would  
sell the cr. if my formula obtains some  
few thousand tons is contracted for -  
Samuel Evans should be commended for  
his endeavor to work this thing out. As this  
is a matter of business I have no excuse  
for reticence. If you wish to do anything  
with this man you will do the right -  
He will give use of 2 acres of land and water  
with the right, probably for working purposes  
Yours Truly  
J. S. Leason

I would work a good mine if  
there was million \$ to the ton  
strong plat - I am after

John S. Leason  
M. S. Leason  
C. S. Leason

Guatemala City July 25. 79  
A. H. Hogan  
Ans'd Aug 19. 1879

Legation of the U. S.  
in Central America.  
Guatemala City,

July 25th 1879

Thos. A. Edison, Esq.,  
Menlo Park

Dear Sir: I am sorry to be com-  
pelled to inform you, in reply  
to your inquiries of June 9th,  
that neither platinum nor  
iridium has yet been  
found in Guatemala. I have  
no idea that either has been  
found in any of the Central  
American States.

I shall bear the subject  
in mind, & have attention

directed to funding them if they  
elish, which I much doubt.

If I can be of any  
service to you, you can command  
me. There should be a fine  
field here (in these states) for the  
electric light - as to coal  
exists, & Petroleum, which  
constitutes the only light for  
private & public use, is im-  
ported. This city of 50,000  
people is lighted with a few  
straggling coal oil lamps.

Respectfully yours  
W. A. Logan,

P. E. Guier in his  
"Notes on Central America", pub-  
lished by the Harpers in 1850  
but now out of print, states  
that "Platina" is found in Honduras  
= deuras in the Departments  
of Gracias & Choluteca.  
I will communicate with  
the Govt, & give you fresh  
information as I can gather.

4 samples  
be hand to Messrs. ...  
- mining for inf.  
when we get a helping will be  
happy come with you on subject

Little River Humboldt Co. Cal.

July 25<sup>th</sup> 1879.

Prof Edison

Sir. I see by the  
Paper that you are inquiring after  
Platinum, and as I have been  
mining for the last 30 years west  
of the Rocky Mountains, thought I  
might give you a little information  
on this subject. I do not think the  
metal is found anywhere in this  
country where it could be obtained  
in anything like paying quantities  
except on the gold coast of California  
& Oregon. It is found here in what  
we call the Black sand mines & in  
some places on the coast there is consider-  
able of it. I see some you sent out  
to the Postmaster at Round Bay in

This country, it is on a small  
card with your address on also,  
and also on the same card the  
metal I desire mine.

There now has been  
no attempt made to save any of the  
metal thinking there was no market  
for it. now is there any machinery  
or appliances now used in the mines  
that is suitable for saving it. I am  
now at work putting up machinery  
to work the sands on a large scale  
& would attach works to save the  
Platinum, also, if it will pay to do  
so, where I am now going to work I  
do not think there is much of the metal  
at least I have seen but little in my pas-  
sage. I will have my works in  
operation in about ten days or two  
weeks & then I can tell you more  
about it, after seeing how my new  
machinery works etc.

There is many millions

of tons of the sands along the  
Coast for several hundred miles, but  
they are too low grade to pay  
anything in the show & made away  
they are used to work them,

The gold saving apparatus  
I am going to use here is an  
invention of my own & is called  
Toll's Improved Concentrating Tables  
Patented in 1876 in Virginia City Nev.

The Dredging Machinery  
I am going to use here is also my  
own invention, & it mostly depends  
on the better for my success, for the  
most of the richer sands are under  
water & have to be dredged.

How much of  
the metal or metals do you wish  
and what price can you pay for  
them?

I visited all the mines  
last summer as far as the mouth of  
the Columbia River, & selected the

Little River Cal July 25 '79  
D. Holmes  
and Aug 7 '79

place where I now am on acct  
of them being a little more wild  
& harder to get at, but it might  
pay me to look after a place in  
future where the Platinum exists  
more plentifully

Send  
I have sent you only about 40 lbs of Pt -  
but you will see when you  
will pay 4 lbs for that one for my  
cost you can find a ready market  
for any amt for any length of time  
My estimate here is, about 1/2 lb of  
platinum down every 1000 lbs of  
Pt. 90% nit leaves pt 2 1/2 %  
that can be better than all other  
you can find here or in any other  
Send out for you from the  
pretty close platinum and will be  
cost 1/2 pt 8 cent there, you will  
have 1 cent more only gold  
of course and you see there  
have no more with them. or as  
Send for in California  
D. Holmes

Lanham & Kemp  
NY

Would your house be so  
kind as to make inq of your  
Corros ~~quibdo~~ <sup>Barangilla</sup>  
Buenaventura <sup>Lor. San Pablo</sup>  
Novicta P. <sup>U.S. of Colombia</sup>  
at wt price plat ores are  
sold for per oz. If there is  
large quant broken by  
miners ~~at~~ average quant  
broken - at average c/d  
made to provide reg supplies  
of the ore. We and that all plat  
from U.S. of Col. taken to Buenaventura  
thence to Paris we can use several  
at lbs yearly

TAE



July 24

Summit Camp

66 West Hill

17  
Whitewood Lawrence Co. July 25<sup>th</sup>  
Mr Edison

Dear Sir

The post master  
of this place informed me that he had  
received a notice from you making  
inquiries about Platinum, inclosed  
I send you a certificate of an assay  
made from my mine, over a year ago  
by Prof. Sanclaus, a graduate of two  
of the best mineral schools of Germany.  
The ore assayed was taken from a shaft  
30 feet deep showing a vein of ore 2 feet  
in thickness, he told me that he would  
strike his reputation on the inclosed assay  
was correct and also said that the  
farther we went down on the vein  
the better we would find it, on the  
strength of the assay we have run a  
tunnel 200 feet and by going that

feet was well top the vein 175 feet  
from the surface. We have stopped work  
at present for want of means.

I did not see your circular myself  
and consequently don't know what  
your desires are.

If you think the matter worth  
your notice please write me at your  
earliest convenience.

Very Oblige

Yours Truly

A. C. Denton

Whiting and Lawrence Co  
Black Hills, D. T.

Lead city N.T. April 5<sup>th</sup> 1895.

Messrs M. E. Frapton & Son. W. Wood.

Pennington N.T.

Gent.

The ore taken from your - Minnie  
ta - mine average is. viz:

Platinum	7.50 oz.	@ \$700	\$52.50
Gold	0.40 oz.	@ \$2000	8.00
Silver	2.50 oz	@ \$100	2.50
		Total	\$63.00

P.S. The average was obtained from  
four pieces taken from different parts  
of the Mineral.

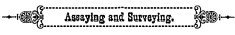
Yours  
Sincerely

J. J. Sanders

Please send me 4 tubes full of your ore  
for assay. The price of platinum given by Mr  
Sanders is too high. pure platinum in ingot  
is only worth in London 7 dollars sheet & more  
is to 12 purty - It cost 1/2 purty or more to  
purty. Russian Ore & Colombia SA ore only brings  
2 doll. 20 c per oz. contains 79 to 82 p c platinum Lead Carb

*Specimens received Aug 1899*  
H  
Reports on Mining and Metallurgical Property.

BRUEN & NICHOLS,  
Mining and Civil Engineers,



Leadville, Colo. July 25<sup>th</sup> 1899

S. L. Griffin Esq.  
Mendoc Park W. I.

Dr Sir.

Your favor of 17<sup>th</sup> at hand. I regret to say that I have not been able to get any of the specimens until today, but have sent by express O. O. D. <sup>to Post Office</sup> I have been in this country now since the fall of '76 so pardon me if I caution you against "Salted" samples, particularly as you state that one sample yielded 100.03 per ton. As I stated before, my information regarding the samples I send you today comes from articles in the papers some two years ago & a personal interview with Thos. Van Wagener who formerly had a chemical laboratory in Denver but is now Supt of the Leadville Mining Co in this place. Mr Van W. made the Pt. West of us confident that Pt was present

I have not tested these rocks myself  
but send them just as I receive them <sup>and</sup>  
hope you will have the different classes  
analyzed <sup>and</sup> inform me as to the result.

I am thoroughly acquainted with  
this section of the country and if Pt.  
is contained in these rocks, even in small  
quantities, I will be willing to devote  
a few weeks to prospecting for that  
metal. It would greatly oblige me  
if you would be kind enough to  
telegraph me Pt or NoPt after you  
have the determinations made.

Yrs truly  
W. E. Brown

We can find any Pt in the rocks  
the chances are very very slim find  
Pt in a rock. Placer is the place to  
look for it. The 100 5/8 ton was  
from concentrations from the placer

See table  
Colorado July 28-29  
July 31 - Brown

and Aug 11-14



experiment in electricity you would be amused or  
disgusted, for the result would be a foregone  
conclusion. So it is with mining. Science has to be  
brought to bear, practical knowledge is equally as little  
more essential for practical result. Now My dear  
Sir send a man unfamiliar with the country one  
entirely unacquainted with the necessary means and  
adaptability to meet contingencies. What must be  
the result - Failure! Failure of course!

I expect to leave on the 29<sup>th</sup> for our mines and  
will be pleased to see you if I can. Platina, has  
been considerably talked of by the Trustees of our  
Company and particularly with our President Mr  
McAlpine, all of whom are anxious to see your  
ideas verified. At their suggestion I will make the  
following proposition. That is, to have your expense  
of sending parties out for me to attend to the prospect-  
ing under an experienced man from my party to be  
reimbursed. The work to be done for your sole benefit if  
you desire to control it, and the platina collected  
for your account. You can readily see that the natives  
could not pay platina at \$50 per pound when they can  
get \$200 ~~per~~ pound for gold, so that business will  
have to be at your expense. If you think it is worth  
your attention by sending \$1000 I will have the same  
thoroughly prosecuted and can then advise what is  
the best course for you to pursue. If you want me  
to act you must telegraph or direct by this letter.  
Yours most sincerely  
James F. Buckley

My dear Sir - I have a man who knows the country and who has been  
in the gold fields in California and who has taken up much  
of the gold there. My 2 dollar per oz for a million oz should you run across it.



Wilmington Nc  
July 26/49

Mrs C W Harris  
Aug 2 July 29

we pay the 4 per oz  
for the metal so it comes from mines in the  
same way as 1/16 is paid for gold  
so it comes from mines  
the little scales of plat are really  
same size or of gold same spee grow  
& come down with gold in  
washing all dirt being not of  
yellow color like gold. If you  
see sand that is the state  
wh we pay 7 1/2 per oz for it

Nc.  
Wilmington, July 26<sup>th</sup>  
Prof. Edison,  
Your letter is rec'd.  
Within ten days I  
will send you several  
specimens of plat-  
inum from several  
different places in  
this state. I am con-  
vinced that there  
is a considerable  
deposit of the  
metal on a large  
and isolated plan-  
tation owned by  
my father.  
Believe me  
the

on said plantation  
petroleum, has  
not been noticed  
on account of the  
presence of gold  
in considerable  
quantities.

Do you mean you  
will pay me \$1. a  
ounce as the metal  
comes from the  
earth?

(Very respectfully,

Wm. H. Harris.

Could you give  
me a the name  
of responsible man  
(whs undertake getting  
at the metal <sup>and paying \$1.</sup>)

American Engineers, Exploring Mining Bureau.  
Oceulobah: Boone Co. Missouri: July 29/97  
Prof Geo. A. Coon. Des Moines. Please accept that for  
your information I have been to the Platinum. I would like to  
engage to find the gold & describe thing if you can please  
write to that the highest in La. has a reasonable will  
be paid for what is proper. The N.Y. bank says he said  
you had agreed to pay or surplus of 20,000 for the copy of a good  
mine of it. I know all the conditions which govern the  
operation & could perhaps trace out the borders of the land  
I returned to my office. I know very well the names of good  
gold regions & I have got carefully into all of them for some  
years. I have had to make a column of mine & engage  
with your office - N.Y. and S.C. Missouri. I have a private  
addressed Cal. & Am. 1111 Broadway, N.Y. under Mr. G. L. Johnson.

Spring Valley Mining & Drilling Company  
Location of Mineral Springs, Public Co. July 26 1879

Right Atty. Genl. ...  
June 28th 1879  
Chester, July 26 1879

Thos R. Edison Esq.

I received your letter of July 14<sup>th</sup> regarding the platinum yield from Blueground. I am surprised that the platinum yield from Blueground is so high. I had examined the stone with magnifying glass since I received your first letter and imagined it must be the menstruum which carried the whole deposit.

In regard to the amount which we take from the process I wish to advise you that I can only say we have but one pair and handle solely enough to keep that employed, but we can increase the amount of our fidelity as you will understand from my previous letter and advise you our method of working.

If you will send your men immediately to me I will treat him out at once and I will furnish him with a trustworthy and experienced prospector, it is a question in my mind whether you will be able to gather your



~~11~~  
 One troy pound Chaskeed and  
 worked through the amalgamation  
 -pan contains

0.197 grams Pt  
 0.139 " Amine  
 0.658 Au  
 0.023 " Ag.

this is in 1 ton of 2000 lbs.

12.7 oz. Platinum  
 8.9 " Amine  
 42.3 " Gold  
 1.5 " Silver



OFFICE OF  
New York & Colombia Gold Mining Co.  
No. 21 PARK ROW.

New York, July 25<sup>th</sup> 1879

Thos. A. Edison Esq  
Dear Sir

The Map which Mr. D. S. Ogden sent you yesterday cost this company \$2 each in quantity. If you wish to retain the same, please enclose the amount, but if you only wish it for a few days it is at your service.

Mr. Ogden forgot to mention the above fact

Yours Truly  
Milton Thomas  
Secretary



Merced Valley, Plumas County  
Cal:

July 26<sup>th</sup> 1874  
Thomas Edison, Esq: Mendoc Park  
New Jersey

Dear Sir! At the request of Judge L. D. Hogan of Quincy, who showed me your letter and the covers accompanying it as samples of Platinas and misals of the same class, I will give you some information regarding the existence of these metals in this County, as also at other points on the Pacific coast.

I have found platinum in grains in several localities in this immediate neighborhood, notably so in the grave deposits of Gopher, Badger and Redwood Hills, all situated close together, and mostly worked by the hydraulic method. The quantity found is not large, as no attention has been paid hitherto to this metal and the smallest grains have always been overlooked; about  $\frac{1}{2}$  ounce was collected last year as a curiosity by Mr. W. Cadwallader, the manager of the Plumas Water and Mining Company, operating at Gopher Hill. Some 15 or 20 years ago, larger quantities of Platinum were found on Badger Hill, sometimes amounting to 3 or 4 ounces during a few months run. It was then separated from the gold and sold.

I have not examined the black sand

from the present workings of the above mine, but presume that some Platinum and Iridium can be found therein; of this sand I need send you samples.

Platinum in grains has also been found in the later deposits in and near Spanish and Silver Creeks, but always in small quantity, its proportion to the gold found being probably 1 to 300; this is without taking in account the extremely fine particles which would be lost in the tailings.

Several years ago, a piece of about 20 grain in weight was found on Silver Creek.

The Platinum above mentioned, I have not subjected to any regular analysis, but have determined it from its physical properties. It will probably be found to contain many associated metals, and probably be mingled with grains of Iridium or Iridiumine.

No data can be given as to the proportion of Plat. contained in the black sand of any particular locality, as no test to that end has been made.

The above gravel deposits are all situated in or near a great belt of Serpentine, which underlies this vicinity and from which the Plat. probably originates, but no metal has yet been found in place in this rock.

On all the adjoining strata, slates, granites, etc: no trace of Pl. can be found, if not brought

then by some stream crossing the Suspension.  
 There is one locality on this coast outside  
 of California, that offers better facility for  
 for the collection of Plati. For commercial  
 purposes, this is Fraser River in British  
 Columbia, where I found the metal in some  
 quantity during a residence on the lower  
 Fraser river in 1858-59. The fact is known  
 to but few, as the Plati was in extremely small  
 scales, and generally was considered to be unat-  
 tachable gold or found quartzites. I did  
 not suspect its true character until the time  
 when I left the river, when I took with  
 me samples which I afterwards analyzed.  
 Of this I send you enclosed a small sample,  
 as I have but little left. It is here found  
 together with gold on the river bars of the  
 lower Fraser from Fort Yale down. I found  
 my samples at a point 5 miles below Fort  
 Yale.

I think with proper apparatus, enough  
 could here be gathered to pay a profit; the  
 best plan would be to work over the con-  
 centrated tailings from sluices, rockers, etc.: now  
 in operation along the river. This Plati seems  
 purer than any I have yet found, in this  
 continent.

The samples of Plati in your cases are not

Received letter Cal July 16-19  
John W. Edmonson  
and Aug 16-19

four specimens, being mined with so much  
sand and foreign material grains.

I will send you within 2 weeks for  
express or mail samples of black sand from  
the different mines of this vicinity, also  
what samples of Plac: I can gather up.

If you should desire to have a full  
investigation and report on this matter,  
I will offer my services at a reasonable  
compensation for the time occupied.

Address as above.

Yours truly,  
John W. Edmonson.

P.S. I enclose also—

One sample Platinum from Spanish Creek

" " Gold from Grand river

" " ~~Gold~~ Nickel from Grand river

the two last found associated with the Platinum  
in the river sand. The Nickel ore is very rare,  
and has <sup>never been</sup> ~~not been~~ found in any other locality  
in North America.

J. W. E.

~~send check for 20 dollars out~~

Write & thank him for his information  
say that a geologist from our  
Laboratory will soon reach California  
& call on him ~~and~~ and probably engage  
his services in our work =

Newport Oregon  
P.H. Williams  
and Aug 11 79

Newport Oregon

July 26 1879

Thos. M. Edison

Dear Sir please to request  
of the rock I will say that coast beach  
for many miles south & north of  
this place is mined for gold  
at different points. The gold is  
very fine and always difficult to  
save on account of the great  
amount of heavy black sand  
in which the gold is found from  
letters published in the subject I  
feel certain platinum exists  
more or less in all these mines.  
but how to find or rather dis-  
tinguish it from other metals  
is a question and after that a  
more serious question must arise  
i.e. how to save or separate it from

the black sand.

I should be pleased to have you write more fully on the subject and send me a sample &c

Lambert & Putney  
P. H. Williams  
A. S. Sewell

sample can  
In panning out place gold these  
bright scales come down with  
the gold no mercury takes out  
the gold the scales can be  
easily found free of sand

File ~~1111~~

Calpella, Mendocino Co., Cal. July 26/49

J. A. Edmon Esq

Dear Sir!

I wrote to you on the 24<sup>th</sup> that I would forward the Sand within a day or so. But I have failed to get a hand who knows how to Pan, and I can't get any one right now. I therefore have to do the washing myself, although I do not know much about it.

I worked hard yesterday and to day. But owing to how to carry the Earth a greater distance to Water than expected, and owing to the very hot weather: I only washed 4 Pans - and it will take me longer than I like to be at it. I shall get the Gravel in different places, and I shall try my best to forward as soon as possible. I think that you can Judge from

has Land there 20 or 25<sup>th</sup>. if there  
was Water in the Gulch it would  
be easy to get any amount of Land  
in short time. But the way it has  
to be worked now it is very difficult  
to get the amount. than now it is a  
hard Matter to tell if you get the right  
Banks of Gravel as the Gravel in some  
places prospects much better than  
others and a person can't experiment

I am satisfied if a inspection  
by our Exeriment Man is made in person,  
the whole looks a good prospect also, and  
will be more than satisfactory.

I now want to say that if  
you sent a man out here to examine,  
you should see that it be examined  
before the 19<sup>th</sup> day of Aug. and in case  
the whole proved satisfactory; you should  
have your man instructed to act at  
once to get a hold of the Lands &c.  
but the whole must be acted on quickly  
and Business like. I am satisfied if the  
property is taken a hold of under the



head of a good company, it can raise all the money right here in Cal. to go on with the Enterprise.

As I got the inside track of his property, I can give all the information confidential to a Co what would take ahead of the game.

There is a Co who intends to get ahead of the Property, by buying off the certificate from the party who bought the whole at Sheriff's sale - the time to redeem will run out on the 19<sup>th</sup> of Aug. and that is the time to look out for. One the Head of that Co is one E. P. Whitmore of New York now in San Francisco.

I think that there is a great prospect here, to make a Fortune for good and honest men to carry to undertaking out. I give you these information, from several Rasinos the main one is having faith in your Reputation, and not want any but an honorable Co to take ahead of them.

The Gold is very fine and I am  
of the opinion by going deeper which  
never has been tried on account there  
is no water at all to be had, right in  
the Gulch, only in heavy Rains. That  
the Gold will be heavier and Platinum will  
be more plenty.

With best wishes of success

I am

Very Respectfully  
Yours  
P. R. Allen

Capital City, Ga.  
P. R. Allen  
Nov 20

Windsor Park July 26<sup>th</sup> 75  
Received of T. Adson two  
Hundred Dollars for  
Expenses Platina Account.  
W. E. Hildes

Marines  
Turner Cr. July the 27<sup>th</sup> 1899  
Mr. Adson

Dear Sir your receipt  
So far as I know there is no Platina in  
this part of the country there are mines in this  
country but not near here any information I  
may be able to furnish you I will gladly do  
So Respectfully yours

W. A. Howell, M.D.

Said Card - ask for address of prospect  
said occurs with gold in places  
say there is no gold but  
sometimes there is platinum worth 1 dollar per oz  
for any amount =

Pidalgo W. July 27/71.

Thomas A. Edison:

Dear Sir

I see you ad-  
ver- for "Platina" I know  
where say procure the  
article. What do you wish  
to give an own li.?

Please Address

Sam. A. Hoyt.

— send —  
This would all say for  
714 to 210 per 9 each 8 each of  
indomino & other allied metal  
which fully occur with per  
— have no value

As per for see hands in powder  
set for count as for 9 have  
— send this is with 1 per 9  
for any 210 of opt at any  
time

Pidalgo  
Washington  
Tex.

Terms, \$2.00 per Day.

Proprietor, Jas. W. McDermott

# MERCHANTS' HOTEL

Fourth Street, above Market,

Wet <sup>holder</sup> no money

Philadelphia, July 27<sup>th</sup> 1879.

My dear Sir,

Brought a good mitt'd  
used ticket for Raleigh N. C.  
cost \$21.10

Today I saw the great "Sam"  
Coff. Wole. I got no points of  
value from him except to find  
out that the "Fraudman" who  
made the "Darien Survey" lives  
here in Phila. Tomorrow I shall  
try to see him & get whatever points  
<sup>of evidence of what I mean when I say</sup>  
I can concerning his "Darien & C"  
pedition. It seems to me that  
Mac's would do a good thing to come  
on here & see him personally and  
come at once to get the money out  
his (I) mitt'd Mac's gets dead for

his Western trip. This is not the  
Franklin that I knew, but by  
tomorrow morn. I shall know him  
tho. Will send short acct of him  
in tomorrow's mail.

Intend to stop in Washington, D.C.  
one day (Tuesday) & see Prof. Baird of  
the Smithsonian Institute and a few  
others who I think will help me.  
Tuesday night I shall go on to  
Richmond; see the State Geologist there  
& visit the locality (Manassas) where  
<sup>found</sup> a Diamond valued at \$2500. was  
found some years since. This find looks to  
me suspicious for Platinum. From  
Richmond I shall go direct to Raleigh  
meet Prof. New State Geol. & branch  
out from there for real solid work.  
It's as hot as Hell-ena here today  
& now at 9 P.M. it's 30° hotter than  
at noon.

Yours Resp'y

W. C. C. Hidden

For the first  
time in my  
life I have  
seen a  
piece of  
Platinum  
which was  
found in  
California  
by  
a prospector  
in 1845

San Francisco  
June 18th 1845

San Francisco, Golden County, Cal. July 27/45  
Dear Sir:-  
Messrs. A. Edison & Co.  
Windsor Park, New Jersey.

In reply to your circular, in reference  
to the production of ~~Platinum~~ in this State,  
my opinion - as a practical Miner of  
twenty years experience - is that there  
is abundance of that Mineral for  
your purpose; even though your excavations  
should cover every city, town and village  
in the United States, and be used in  
every private, as well as public, house,  
which I hope will be the ultimate result  
of your researches.

This has been a placer  
or hydraulic mining camp for the last 25-  
years, and I have seen plenty of Platinum  
thrown away at wash up time, as no one  
set any value on such Metal, in fact know  
nothing of its value; or never saw any chance  
for saving it in any part of this State.  
But from my own Curiosity in having the  
Metal tested by assayers, I am satisfied  
that the Great Mountains can not beat  
California in its production. And how  
to secure in private: There is an old  
River bed or channel, five miles west of  
this town, on the South bank of the Yuba  
on the Center of which I sunk a shaft 117  
feet deep, prospected the same thoroughly as  
far as sunk, for Gold. I found Gold of  
the finest quality - in fact too fine to save  
by any process I know of outside of Copper

1845

plates or Clinkets - and this process would  
be considered too slow in washing a bank  
of two hundred feet in depth.

I found platinum  
in five or six strata while sinking  
the shaft, and did not know what it  
was, having often seen the metal before, but  
my curiosity was excited by finding it  
in such large quantities and courses  
than I ever saw it before I took it to  
a chemist who had a drug store in  
this town, and who could assay, and  
he pronounced it platinum.

The mine has not  
been worked to more than the extent of three  
thousand dollars in prospecting. There is three  
shafts sunk; the deepest of which is the one  
before mentioned - there is a tunnel or adit  
run to drain the mine, which is about two  
hundred feet. The extent of the mine as  
far as can be ascertained is 23 hundred  
feet in length by an average width of  
six hundred feet, with a depth of bank  
from surface to bottom of channel of from 200  
to 250 feet. Water can be had at 10<sup>th</sup> per  
inch miners measurement - I think know best

one of the owners in the mine, his name is  
Capt. Ambrose Kerrison Sacramento Yuba Co  
Cal. He will give you any desired information  
by writing to him. I am not interested con-  
sidering the merits requested the assessor  
prospector to give you his views as to this  
mining district.

I have heard of my assessor  
being made to save the metal in this State. Much  
Respectfully Submitted, by David O. Guinness  
Sacramento Yuba Co Cal to Hon. J. Colman  
The General Assessor of our Territory.



Term, \$2.00 per Day.

Proprietor, Jas. W. McDermott.

## MERCHANTS' HOTEL,

Fourth Street, above Market *Street*

Philadelphia, July 28<sup>th</sup> 1879.

My dear Sir:-

I was able to see Mr. J. P. Fraustwine at about 4 o'clock this afternoon. He is so unwell & miserable generally, that he does not find it possible to see any one until after 2 P.M. His health is completely broken down with a Dyspepsia, Rheumatism & Piles of other trouble. I spent a very pleasant two hours with him and we talked a good deal about his Durwin Survey of 1851. He is almost 70 years old but talks quite as briskly as a man of 50. He does not drink and is a very good (right) man. He gave me to understand that a man could travel up the Valley of the Atlantic.

to the diode, <sup>2</sup> where the Platinum  
and Gold is to be found, and stay there  
a long time without having anything  
more than a fever or two. Mex is  
was not an especially dangerous and  
unhealthy country. With a good  
supply of Quinine a man might  
even rub off the malaric. (?)

The best way to reach the Plating  
fields, was to go to Coahuila,  
and from there by the monthly trade  
brack up the Abasco to the head-  
waters. Then the journey would be  
a very short one (a day or so) to San  
Pablo, where the Natives bring their  
Platinum & Gold to trade.

He thought the locality to be  
inexhaustible from its very wide  
extent. He did not believe  
that any land could in any way be  
bought in that country from the  
natives or <sup>from</sup> the government. He had

## MERCHANTS' HOTEL,

Fourth Street, above Market,

Philadelphia, \_\_\_\_\_ 18

good faith in the country as being a Platinum Country, but how to get the precious stuff out of it, he does not know, or even suggest any method.

He told some very interesting stories about his trip up the river. — The trading post is poled all the way to ~~the~~ <sup>head</sup> of the ~~river~~ <sup>tribe</sup>, at the rate of about 5 miles each day. From America the trip is most tedious & disgusting.

The natives trade their Platinum & Gold for about one tenth their value in cloth, tobacco, Rum etc.

The country around San Pablo needs, so he says, to be prospected by competent Geologists & Mineralogists, as well as by business men. He

cannot go under any circumstances,  
even if you should pay him \$100.  
per month but thinks success  
would come to your proposed search,  
if the party you send would consist  
of not less than two. One of them  
to do the dig, attending the trip &  
the other to do the scientific work.  
Both of them if possible to speak  
Spanish well. He thinks a party  
of two could make the trip with perfect  
safety & with better results than one  
person alone possibly could do.

He would like to see either you or  
McLaughlin or both & have a good talk  
about the country. He freely offers you  
my assistance if you can possibly realize.  
His address is 530 North 6th St.

I take the train tonight for Richmond.  
Mr. Brown rec'd a telegram from <sup>you</sup> today inquiring  
about his father. Mr. J. told me  
James Nease, N.E. Miller

Mr. Frazer does not think  
Washington will help me at all,  
so I will go "on to Richmond" direct.  
Letters sent to Raleigh, N. C. will  
reach me in due time. Expect to be  
there Wednesday. Hidden

L. Camp - 20 miles  
From Leadville.  
July 28th, 79

My dear Sir:

My Son of the 7th inst  
has just reached me - I was much  
interested in regard to your search  
for platinum - From what I gather  
from your interview I am led to be-  
lieve that I can wash that material  
& find from washing 3 black sand  
for gold, a few flakes of <sup>it in each 1000</sup> material that is,  
as well as I can judge with the im-  
perfect ~~and~~ instruments at hand, of  
greater specific gravity than gold -  
We are prospecting for silver  
here & for many reasons do not wish

Wm. H. Hays  
A. Williams  
F. Williams  
C. Williams

Look out, do not spend too much money  
on a platinum mine, I send sample can.  
part of the platinum is ~~worth~~ dust &  
can be hammered flat. The best way to tell  
platinum is to pan out the sand, among the gold  
you will find scales of a silvery metal, it heavier  
than ~~gold~~ gold & you can then separate  
the gold from the scales of platinum by mercury  
better take 1/2 bush sand - pan it down to  
an ounce and me the sample & send  
you 4 tubs in which you can place  
different panings; - send by mail  
mark. Winans or if I will know when  
from a will as my 4 let you know  
what to do, - ~~send to the low price of~~  
~~Russian platinum 2 doll per oz~~  
~~platin and all gold~~

A. A. E.

To have other prospectors brought here,  
but if satisfied that the mineral is  
platinum I will locate a place &  
pay for a patent for it immediately  
as the quantity is considerable.

So much for explanation.  
Please send me a few simple direc-  
tions for distinguishing platinum.  
Shall be in Leadville in about a fort-  
night - hope for a reply by that time.

With cordial congratulations  
upon your brilliant success with the  
electric light, I am, sir,

Yours respectfully,

Prof. T. Edison  
Noble Park  
N. Y.

J. C. Winans.  
P. O. Box 1547  
Leadville -  
Col.

Manufacturers, Importers and Dealers in  
Telegraph Machinery and Supplies,  
Medical Apparatus,  
Burglar Alarms,  
Automatic Fire Alarms,  
Horns and Trolly Annunciators,  
Electric Light, Electric Gas Lighting,  
Electric Railway Signals,  
Bell Telephone material and Supplies for-  
alike.

ELECTRIC MERCHANDISING CO.,

76 MARKET STREET,

CHAS. B. BUSH, President and Business Manager.  
W. S. HARRINGTON, Secretary and Treasurer.

Chicago, July 23<sup>rd</sup> 1879

T. A. Edison Esq  
Menlo Park N.J.

Dear Sir:--Your esteemed favor of 20<sup>th</sup> at hand.

Mr Bliss started for  
Utah on the 21<sup>st</sup>. I find  
here a card with flakinnum  
& Iridiosmine, but most  
of the latter has been  
rubbed off. If you will  
send a little more of  
each mineral, I will  
forward to Mr Bliss with  
your letter. I have just  
returned from Missouri, so  
this matter would have  
recd earlier attention.

Respy  
W. H. Harrington



San Francisco, Cal. July 28, 1879.

W. Edison Esq  
Menlo Park

Dear Sir!

It is now about 7 o'clock P.M. will forward  
at 8. to night by Stage find here  
the Box. and hope that the same  
will come to hand safe.

It is very hot here and I am somewhat  
worn out from the work. It was the  
most difficult job I ever done.  
I only saw Panning done since I  
am here and as there never has  
been any Mining actually been  
done here, you can understand  
that I had no hand, to get the  
Gravel to Water is the hardest  
work and I never give out.  
I did not work or get the gravel

near the Mouth of the Gulch -  
when never has been any prospect,  
found. but owing to get as near  
to Water as possible. I could  
not go to the place  $2\frac{1}{2}$  Miles  
above. I. and of the opinion  
that the Gold above is heavier  
the Mother Earth is  $5\frac{1}{2}$  lbs  
and gotten some place where  
I got other ground.

I do not get above good  
many lbs of sand this is. but  
I think it will do you for  
the present, if it was all water  
when Water can be gotten  
during is Rain could  
have gotten the same with  
no time by working with  
Shovel & Pick.

There is in all about  
35 Pans, some given the dirt  
of Gravel in the Sand the

Pan will weigh about 200  
say about 700 lb of Gravel  
some I searched down more  
than others and mixed the  
whole together after I  
got down.

I hope you will not  
be disappointed, the same time  
that the mines will prove a  
Success. I have the fullest confidence  
in the whole Gemel

The Land is hardly a  
fair test, as in winter time  
I could have selected a  
place & prospect before  
washing. but now I could  
not carry the Gravel 2 Miles  
then try another place. I  
had to select a place  
nearest to Water & where  
I got the best prospects



# PACIFIC HOTEL,

170, 172, 174 & 176 Greenwich St.,

One door above Courtland St.

JAS. H. HARRIS, Proprietor.  
GEO. ROSSITER, Manager.

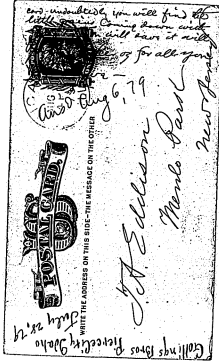
New York, July the 28<sup>th</sup> 1879

Prof. J. A. Edison  
Menlo Park, N. Jersey

Dear Sir  
Letters addressed to the  
above address will always reach  
me, even should I be absent  
at South America or Mexico,  
which latter place I intend to  
reach in about a month from  
now.  
Yours respectfully  
Joseph, Brennan

in company  
with my son  
the music by  
these methods  
I find will give  
a very good  
result  
as the first

<sup>Piase City Idaho territory</sup>  
As seen by the papers that you wish  
to correspond with miners with reference  
to finding Platinum and if you  
will please send all information  
as to the manner of securing  
it - to Gollings Bros Piase City Idaho  
who are extensively engaged in surface  
or hydraulic mining you will oblige  
Gollings Bros



we understand you will find the bill...  
for all your...

CINCINNATI  
Aug 6, 79

POSTAL CARD  
J. F. Edison  
Menlo Park  
New Jersey

Gallings Bros Electric Co  
P.O. Box 212  
St. Louis, Mo

Clatsop County  
Nevada July 28<sup>th</sup> 1879.

Thomas A. Edison Esq,

Sir I received a  
circular of yours by mail with a note requesting  
me to write you if I knew where a Platinium  
mine could be had I have prospected for mines  
on this coast since 1854 In that time I found  
Platinium in several places In them the  
west of California adjoining the Oregon line  
In Marion County I found it connected with  
Graphite or Plumbago Heat in British Columbia  
upon the Fraser and Similkameen rivers  
I found it more in quantity in Oregon on the  
beach washings very fine in the Black Sand  
About one mile back from the beach I found  
it covered and of a rougher nature I suspect  
similar to Cornucopia being rough & ornamented  
with the fact that it was not subject to much  
friction not removed far from its natural state  
In 1868 I was prospecting for Tin One The suppo-  
sition that the Government offered a large bonus





Examine Mr. Casady's  
Copy of N. Folger  
Jan 5. 1871

The Captain and what he  
says are worthy of consideration.  
Geo. W. Casady  
Editor Sentinel

I endorse the above  
C. L. Canfield  
Editor Leader

A personal acquaintance with Captain  
Folger for some years, leads me to the  
conclusion that no better man could be  
found to prospect for Platinum or other  
metals than he. He combines with a thorough  
knowledge of the Western Country, deep research  
in the Science of Geology and Mineralogy which  
will materially aid him in prospecting for  
Minerals. I therefore take pleasure in recommending  
him to these divisions of obtaining the Services  
of an able prospector.

Geo. W. Casady

Mandolph Coos Co Ore  
July 28<sup>th</sup> 1899

Prof G. A. Edison

Sir, yours of July 14 is at hand, here with I send you 2 samples of sand, the one in the small case, is from the panning box after amalgamation, or the residuum of the drug washings, there are many ~~times~~ <sup>lots</sup> of this collected annually. I think you will find this to carry more platinum than the same character of material obtained from the Spray Valley Mine of which you have had samples. Now you can readily see that this sample could be made of a much higher grade if "mining" for these metals had been made a specialty or rather if their had been any care or attention paid to having the which hitherto has not been done.

The larger portion is from the tail-race taken many rods below the sluices, without any manipulation other than picking out the pepels. I wish here to state that every sample I send you will be just what it is represented to be, as I very well know that persons

As our entire strangers are very apt to distrust, but be assured Sir that my object is not to mislead or misrepresent but to gain facts and obtain knowledge.

I trust your progress will prove a success, if so it will, <sup>and</sup> an other reason to you may not ~~enjoy~~ triumphs in your experiments you have no doubt found if not yet as well, that the question of saving the metals is one of specific great

Now permit me to make a suggestion or to for your consent if your wants, ~~are~~ for these materials are as great as you anticipate, you cannot afford to overlook this State of Country. If at any time you should desire a full and complete description of these deposits I will undertake the work and give you as full and comprehensive statement as my limited education will permit, I should be pleased to hear from you at any time.

Respectfully &c

J. G. Lockhart

As you did not say whether you found the ore in combination with iron or any other substance, you can obtain any quantity of Bond you may wish. The general character of the Bond is as free as that I sent, with the exception of occasional streaks of lignite or rotten wood.

J. G. L.

48. little Pt in sample not one/50 as  
in case of Sp. 9 really mine  
what's your advice to us best way to  
obtain this? old mines be induced  
to save it if can find money for it

12/20/19  
R. H. ...  
...



Lanman & Kempf

Established 1811

New York, July 28 1879

Mr. Thomas B. Edison  
Menlo Park,

Dear Sir:

Your favor of 25<sup>th</sup> at  
hand. With much pleasure  
we will visit our corre-  
spondents in the places  
mentioned in yours,  
about the ore, and will  
let you know the result  
as soon as we receive their  
advice.

We remain  
Yours truly  
Lanman & Kempf  
Frank Schott

Sample 1 & 2  
red ink on torn  
to prevent loss of it

Granville

Mr Edison

I am Granville  
and the first of July went  
to the mine with Sunday (28)  
and took a few specimens  
after having black sand  
I have a few specimens from  
two different localities  
No. 10 Coarser than No. 1  
If you find what you wish  
in these specimens I can  
get you hundreds of  
tons of it please inform  
me of the assay and  
oblige yours Respectfully  
George A. Glen  
Granville N. S. Co. Cal.

Hamiltonville Ore  
Geo. H. Lyell  
Wed Aug 6, '94

the fine ones had 3 columns of gold  
coated with silver (some ones had  
14 columns some coated with silver with  
free gold & there was no pot for it  
I am very sorry. This ought to be  
a gold band & it to pay well

Port Oxford July 28<sup>th</sup> 1879  
Hon. F. A. Edinburg

Dear Sir

I think that  
Platinum is found more in the Cracks  
being there in the island mining.

It would respectfully refer to you  
notice as miners. Mr Patrick's Hughes

Mr William O. Sullivan  
and Mr John Deadmond - all  
of the above place also

Mr Adam Perobaker of  
Randolph, Lewis Oregon - also refer you  
to Gold Bluff (Postmaster) California -

There has been no Platina sold from  
this country for many years - at the time  
they sold, best it brought 100 per oz -

Mr Wm O. Sullivan has on hand now  
150-ounces more or less -

Mr S has refused it & I am very sorry

for this at Paris at 80. Yours  
probably you could get it at 75 cent Allen S. Welch.



Sullivan  
and you have some plat  
if its paid down close  
will give you 9 per oz for  
whole of it. If it carries  
more pt than our pamphlet from  
or quality does will pay more  
How much can you supply a year

---

write  
the address  
do you have any pt. you mine  
can you always find a market for an oz  
or a million lb less than looks  
large

Aug 11-19  
Write to address given  
John E. Walcott  
50  
John E. Walcott & Sons  
Boston

HENRY BENTLEY,  
President.  
WM. F. WHEATLAND,  
Gen. Secy. and Treas.  
SAMUEL M. PULSH,  
Superintendent.  
HARRISON STILES,  
Manager.

# Philadelphia Local Telegraph Company.

SUPERINTENDENT'S OFFICE.

GOLD AND STOCK REPORTING TELEGRAPH,

107 South Third Street.

This Company will furnish as Current Gold and Stock Quotations, Government Securities, Cotton, Naval Stores, Breadstuffs, Petroleum, Provisions, Produce Exchange, and General Commercial and Financial News Reports from all the principal Cities in the United States, and also, from one or three daily from Paris, London, Liverpool, Antwerp, Frankfurt, (Germany), etc. etc. in its Subscribers can be obtained by experienced Reporters, but will not be responsible for any transactions based thereon. 24 No. also furnish Commodities, Shipping, and Marine News Reports from all the principal Seaports in North and South America, Europe, India, China, Japan, Australia, Cuba, etc. etc. as may be desired, as well as notices for Steamships abroad by Cable, Registered signatures on reduced rates.

Philadelphia, 7<sup>th</sup> Mo. 28<sup>th</sup> 1879.

Prof. Thomas A. Edison:  
Menlo Park, N.J.  
Esteemed Friend.

Yours 24<sup>th</sup> July at hand. Mr. John B. Trautwine made the survey for the inter-oceanic canal across the Isthmus. He still survives and can be found or addressed at number 530 North 6th. street this city. I am not able to find anything about Bernard Jones, number 10 Creator st. If you can tell me about what year they were there, perhaps I may be able to get further particulars. Considerable investigation thus far fails to discover them or any information about them. You can obtain unbound copies of the Journal of the Franklin Institute, since its commencement, except 24 numbers which may be missing, during all that period for 110 up to date. The other twenty four numbers may be obtained making the whole complete if you authorize an expenditure of \$180 or \$185. This is the best that can be done according to the Secy of the Franklin Institute. Awaiting your reply to the same I will touch another subject.

HENRY BENTLEY  
*President.*  
WM. F. WHEATLAND,  
*Sec'y and Treas.*  
SAMUEL M. PLESH,  
*Superintendent.*  
HARRISON STILES,  
*Manager.*

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Philadelphia, 7th Mo. 25th 1879.

I have heard through a "little bird" or two that you too are developing a Microphone. Such is the order of the day, and I expect we shall be surprised beyond measure.

My respects to yourself and all.

Yours truly,  
Henry Bentley  
President.

Muckillo Wash Ter  
July 29 1874

W. H. Wood

copy  
and Aug 1874

McLaughlin

Muckillo Wash Ter

July 29<sup>th</sup> 1874

Thomas A Edison  
Menlo Park N.J.

Dear Sir

In the New York Sun  
of July 29<sup>th</sup> I see some correspond-  
ence relating to platinum in  
connection with your electric  
light while I was collector of  
Customs for the district of Puget  
Sound. in 1858 or 59 - I was onboard  
one of the Hudsons Bay Co's steam-  
-ers in conversation with the  
Captain relating to the rock  
Creek and Simikame gold  
mines he said there were rich  
deposits of gold near the Coeur-  
D'Alene mission. the Catholic

priest at that place always  
plenty of gold, which he got  
of the Indians - he said there  
was also a rich platinum mine  
in that region. I inquired how  
this metal was found he  
said the Priest told him that  
the Indians frequently brought  
him gold and on one occasion  
an Indian brought some pieces  
of metal and wanted to know  
what it was, the priest told him  
it was platinum and was as good  
as gold - he questioned the Indian  
as to the quantity and he said  
there was a good deal of it or as  
heaps as he expressed it - I think  
the priest went to the mine with  
the Indian, if this I am not certain  
but he told the Indians to keep  
still about as the Americans  
would find it soon enough  
and would come like the birds and

drive them away - the name of  
the Priest I have forgotten, and  
he went from there to Philadelphia  
in about the year 1856 or 1857 -  
the Cour D'Gene mines in near  
the western slope of the Bitter Root  
mountains in Idaho Territory mining  
is going on in that country at this  
time - the Similkameen is a ter-  
-ritory of Thompsons river and  
is easy of access by way of the Colu-  
mbia river - I think Chinaman  
are mining there at this time  
I feel quite interested in you  
success - and if you turn the abo-  
-ve information to your benefit  
I shall be highly pleased

Respectfully Yours  
M. H. Frost

I  
ought to mention  
to hear it of  
old mine report  
with the  
same thing

J. C. REIFF,

No. 52 BROADWAY.

Platinum

New York, July 28<sup>th</sup> 1879

My dear T. A. E.

I have communicated  
with my South American man  
the way he knows of the largest  
deposit of Platinum in S. A. &  
has no doubt it could be had  
by proper arrangement to cost  
not over \$100 per lb. probably not  
over \$30-

He is poor, but I think I could  
get him with a very able &  
reliable Engineer (a friend of mine)  
to go there & either succeed &  
get out the mine from the natives  
or denounce the mine under  
the law & get control of it for  
some share in it in the future  
provided the expense of the trip was  
paid - It might take as long  
say, but I don't think it would cost  
all told for trip & expenses \$2,000 -  
if you would stick with the new series

if you  
could  
possibly  
get him  
to go

Uxbridge <sup>Northam Co</sup> July 29, 1849  
Port J. Williams  
and July 30 74

My dear Sir

In reply to your enquiry  
about the man of whom I am sorry to say  
he was slain at the battle of  
Antietam while gallantly leading a  
charge at the head of his company  
in the Sixteenth United Volunteers Oct  
17, 1862.

As you are looking up platina  
hercules, I would be glad that Mess  
Johnson Mathey & Co of Hatton  
Gardens London probably handle  
more of this metal and its alloys  
than any party. I saw you on  
page of mine of last year on the  
rarer metals of the French Expo-  
sition which possibly you may  
well have seen (in the Nov of





# McAdoo House

Board, per day, \$1.00	2.00	D. McAdoo, Proprietor.	Special Rooms FOR SALESMEN.
" " week, 5.00	10.50		

Greensboro, N. C., July 29<sup>th</sup> 1877.

Mr. Edison.

My dear Sir - arrived here this evening from Phila. The long journey, 12 hours constant travelling & the weather, has almost tired me out. I found it quite unnecessary to stop at Richmond, as the Diamonds and Gold were found <sup>1814</sup> while digging a Well & I presume therefore, that the gravel containing the Gold, Platinum etc. was pretty well buried up & prospecting would be somewhat expensive & then I would like to get into N.C.

There is mining N.E. & S.W. of this city & tomorrow will be speaking in Louding out all I can from the natives hereabouts & also visiting

any places near at hand.

I expect to get into promise districts, after seeing meeting Prof. Herr at Raleigh. From him I expect very valuable information. He is State Geologist of Kansas & C. Thornhill.

I shall be sending you sample washings in a day or so.

Made the acquaintance of two mining men on the train don't get many good points from them about the C. & Ga. mines & localities.

The Pullman Palace Car Conductor was accidentally knocked off the train just before Richmond & instantly killed. He was a fine young fellow. I lunched with him today, I can hardly believe that he is dead. The accident was unobserved by anyone on the train.

Yours Respectfully  
W. E. Hedden



J. H. HAYFORD, Postmaster,  
Laramie City, Albany County, Wyoming Territory.

Laramie City, July 29, 1870.

Mr Allyn

Yours containing Post Office  
inquiry about Platinum is received.  
In the course of 20 years observation  
& experience in the mining regions of the  
Rocky Mountains I have not heard of the  
discovery of this metal. There is compar-  
atively little placer mining done in  
this country & if any has been found  
it is in so small quantities as not  
to have attracted any attention. I will  
however hereafter keep a look out for  
it & if any is found let you know.

Fraternally yours  
J. H. Hayford.

John L. Allyn

Send Card - say that a few scales  
come with the gold in panning & sluicing  
has some weight - we would like to have  
miners working places on lookout for it  
as they can send it easily & is worth from 1 to 2  
dollars per ounce according to purity

Arctic Col  
Chas Smith's  
wrote for [unclear]

Arctic Expeditions  
Co  
Arctic Expeditions

San Francisco & Co. Ltd  
London & N. York

sampled was  
small plate at  
this for sample  
collected at danger  
when [unclear] reason cut  
cut [unclear] of water  
when [unclear]

Airhurst Mass  
July 30  
'79

Mr Edison

Dear Sir

Manross hit the <sup>Poor</sup> dust  
at "Anti-tam".

But if you  
desire to know anything  
about him or his  
work, nobody can or  
will give you more  
complete information  
than President W. S.  
Cleck of this place.

Truly yours  
E. Hitchcock

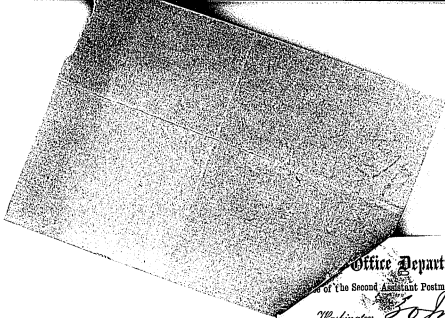
line to get receipt  
and return in U.S. & pass of Chicago  
O'd you say when it came forward

Amherst Mass  
July 24

W. H. Mitchell  
Worcester Mass  
Aug 24

Read at  
his farm <sup>many thanks</sup> ~~RD~~  
reference to you  
request for data  
about P. Roubles  
west of Miss River -  
Let me know if they  
are OK -

U. H. Parilla  
write to Watch Hill RD  
till Sept-15-



**Office Department,**

of the Second Assistant Postmaster General,

Washington,

Sept. 1879

Respectfully returned  
copies of all the  
articles in the  
Lancet in forward

Wm. G. Brady

Second Assistant Postmaster General.



From NXP  
boxed Hill, R.I.  
Aug 1 79

PO Box 1000  
Schmiedel Paper Company - 79

Mineral Park, No. 4, No. A. 2  
July 30<sup>th</sup> 1879 -  
C. A. Ederer Esq.  
Mineral Park N. J.  
Ney - Dear Sir,

I send you in same mail  
with this a care of specimens  
of ore from my mine &  
ledges I have No. 1 them on  
sheets of paper wrapped up  
with them, and remarks, I  
sincerely hope they will reach  
you safely as I have no diffi-  
culty in sending them to other  
When sending you my last  
letter I offered you my last  
in a mine, I will offer you  
300 feet at the same figure in  
any one of the list of 6 sent  
you except No. 4, as this is too

valuable a mine at any low figure. I will give you another offer in this it is this. (as I am trying to get a small mill of 8 tons capacity per day that cost \$25000 + freight and building \$1200.00 more)

I will deed you one fourth of No. 7. and  $\frac{1}{8}$  of No. 5. which is in consideration of you furnishing the cash to put up the little mill, and I will pay you the proceeds from the ore and your share of profits. You can assay the ore and ascertain what it pays. I have some assays of ore from No. 6. the lowest is \$264.38 the next \$657.38. and as I never deceive myself I find these two correct.

You no doubt may think strange of my interest and

surprising to you in so far as I am concerned, but I tell you Sir, we must get machinery in here and Eastern Capital to develop the immense amount of wealth lying here and as I said in last letter we must offer some inducement to interest others.

You are now offered property worth \$25,000. and this is a low figure to place upon a mine yielding \$650.00 gold + silver ore, in a few months this offer will expire and cannot be renewed as now there is no machinery to turn out the bullion, when there is we can buy our own mills. So wishing to interest you you shall take no risk. I have ample property only in case state to secure you and I.

Mine and Park Hotel  
July 20, 74

W.H. Briggs  
Lead Dept 22

would like to give you the opportunity to work if you wish one of the best mines in Arizona. I will pay all the expenses of Mill in 4 weeks time and remit you the money to reimburse your out lay. you can interest any laborer you choose with you, or take the interest singly. I can make this pay you over \$2000 per month.

I hope you may have confidence in my proposal. I have the mine but am so placed as to be unable to provide the machinery, and hence my very liberal offer, if not accepted I shall try another plan.  
yours most Respy. W. H. Briggs.

[ATTACHMENT]

Biggs

Sept 28 1874  
Sept 3, 1874

one sample  
No 4 which at the time of  
writing Gates had not been  
tested we find in this one  
a trace of Pt & a remarkable  
comb of gold not before  
known this is a comb of  
gold silver & Uranium in  
depi prop form def crystals

If you will send me a tube  
filled with pieces of ore rich in  
these long crystals with you  
call gold I will bring the  
matter before the public & you will  
get benefit of adv. I will also place  
samples in hands of parties who  
are interested in gold mines - the sample  
is NO 4

GEOLOGICAL ROOMS.

W. G. KERR  
State Geologist.

Raleigh, N. C. July 29, 1899

Mr Edison

Sir

I have been on point of writing to say that the conditions for the finding of platinum in N.C. are perhaps more favorable than in any other state east of the Miss. And I have had several letters of inquiry from parties who have noticed your advertisement. You are aware that particles of the mineral have been reported as discovered at several points in this state, as mentioned in my report, p. 287, & App. p. 53. But the associations are very favorable for its occurrence.

## GEOLOGICAL ROOMS.

W. C. KERR  
State Geologist.

Raleigh, N. C.

18

in a hundred places; for example in the Cornudas localities, which are also generally characterized by the presence of serpentine, & of chromite iron; and the gold sands of a hundred gold mines, which contain many rare things, zinc, monazite, detrital diamonds, chromite & magnetite sands, in 20 counties. I have been hoping to institute some systematic search in some of the gold places of the state where gold washing is going on. Mr. Widdowson is coming this morning & announcing that he is going to make a tour for the search

## GEOLOGICAL ROOMS,

W. C. KEER  
State Geologist.

Raleigh, N. C. \_\_\_\_\_ 18\_\_

Has brought to mind my  
unfulfilled purpose,  
I have appointed this  
afternoon to meet him  
at the State Geological  
Museum & show him  
specimens of gold, &  
gravel (residual) from  
various "old diggings", &  
specimens of chromite  
& corundum. If you  
wish to push your  
search, & to employ  
additional help, perhaps  
my knowledge of local-  
ities & men from 12  
years service in the  
field in this state might  
facilitate your plans  
& aid in expediting the  
inquiry for this region &  
geographic speciality, so  
that your explorers can soon



GEOLOGICAL ROOMS,

W. C. KERR  
State Geologist.

Raleigh, N. C. \_\_\_\_\_ 18\_\_

reach the most distant  
fields of Peru & Brazil  
& Brazil & the local Bts.

I am still engaged  
in the great survey of this  
state, but shall not con-  
tinue it long.

Yours truly  
W. C. Kerr

P. S.

I refer you to Dr. Brew-  
ster, Prof. Leander,  
Prof. Gillen of Columbia  
College, Clarence King,  
Prof. Beckwith, Dr. Sam-  
uel J. Hall or any of  
the American Geologists.  
N.

Thank him very much for his kindness  
etc - says that Mr. H. only goes  
down to look generally over the  
ground & the reports are favorable. I  
shall take advantage of opportunity  
of a



J.A. RICHARDSON,  
MACHINE BUILDER.

OFFICE OF  
TECHNICAL DRAWING, PRACTICE,  
SUMMERS BUILDING,  
42 WATER STREET.



Occidental Hotel  
Boston, July 30<sup>th</sup> 1879  
New York

Prof. T. A. Edison

Dear Sir

On my return here this morning I find a letter from Prof. De Ruyz dated July 21<sup>st</sup>. He says "The Platinum referred to by you was found by Mexicans panning Quarta Chaves for gold upon the foot of a silver-bearing mountain. They found particles which were very heavy and they tried to melt them, but not knowing anything of Platinum and its value, gave up the experiment, disgusted because the metal which was neither Gold nor Silver, would not melt. The place was shown to me and sand from there and other places collected and afterwards examined. All geological surroundings are also favourable but I can say that a sufficient amount to make it pay well be found, when I was there every thing was done in a hurry."

From what I saw of it afterwards I have no doubt of a liberal amount being found. I will

be pleased to have an interview with you either here  
if you are to be in the City or at your place, if you  
will designate a time that will suit your con-  
venience and will show you Prof. De Byas's letter  
or I will send it to you. Satisfied I can find,  
Platinum in reasonable quantity I should  
like to be interested

Very Respectfully

J. Richardson

If I go to your place will be pleased to have direc-  
-tion

and  
glad to see you at any  
time - but you please  
to see samples

My dear Sir  
of Richardson  
and Aug 14

San Luis Obispo Cal  
July 30, 19  
Lewin Metherell  
and Aug 11 19

Thos. A. Edison, Esq.

Menlo Park, New Jersey.

Dear Sir:-

Please let me know  
what 'Platinum' is worth,  
which sells 42. to 45%  
I think four could be secured,  
should the price be sufficient

Platinum with 45 pc is worth  
one dollar per gr - Oregon  
~~the~~ scotch's plat is about 45 =  
Russian plat 85 pc worth  
\$  $2 \frac{20}{100}$ . U.S. Colombo S.A.  
2 dollars = California 1<sup>st</sup> to  
2 dollar; we will take  
any amount at regular  
prices.

to justify mines having it.  
Thou years ago, I took a few  
g. to N.Y. as the only supply of  
it in the U.S. He gave me no  
encouragement - price then, there  
paid for attention to it.

Very Respy.

Lewis Wethead.

San Luis Obispo Cal.

July 20<sup>th</sup> 1879.

Att. Conynville Douglas Co. Or.  
July 31-1879

Mr. Edison

Dear Sir

I send you to day a piece of Mineral bearing Quartz. After Pulverizing and panning it out I find in it black grains which I suppose to be Mineral of some kind. Possibly Platinum.

Would be glad to have it tested for Platinum, Gold and Silver. I enclose Stamp Envelop for answer

Very Respectfully

William Manning

If not asking too much I would be pleased to have a Statement of the Quantity of each of either Mineral contained in a given Quantity of the Rock.

W M

Card  
Company tests for sample #2  
with most delicate known tests but  
found none in the  
sample  
It has been yet  
been found in some  
places in places  
with gold regularly  
in variety given  
Certificates made  
in an only filed to  
test for Pt



"American Express, Selling & Shipping Bureau"  
Certificate of Bomb Co. No. 100000 July 21/13  
Dear a word to you from the only one that can  
say. I regret to hear that you could not accept of our  
services of which I am sure you will be glad to  
know. I believe I can find a way to meet your  
plan or combine with you, if you can find some  
about the matter, I think you will be glad to  
do me some special matters of providing the thing you require and  
the kind of work that you want. I should be glad to  
know how the matter of this kind some understanding of employment  
should be done to you. I think you will be glad to  
know how we can help you in the other cities you mention. I  
my associates at doing this and am in constant communication  
with the factory of for some business purposes. I believe you can  
get the thing you want. I have been 30 years in the  
of the great business of the world. I have been 30 years in the  
is desired. I will be glad to hear from you. I am, Sir, your  
Wm. W. W.



Wilmington, Mass  
5<sup>th</sup> Aug 1879  
Ans. Aug 1879

Wilmington, Mass  
July 31<sup>st</sup> 79

Mr Edison

Dear Sir, I write  
to give you such inform-  
-ation as I have in regard  
to the existence of platinum  
in this country. Some 16 or 20  
years ago a man came to  
me with 25 lbs platinum  
ore. I bought and refined  
it put it in shape of wire  
and plate found sale for  
it in Boston. His name  
was Dow said his home  
was in Minnesota. I have at  
present a few lbs of Iridium  
which I should like to dispose  
of. Can you make use of it?

I have formed a combination  
of Iridium & Platinum which  
I think would work well for  
the Electric Light but I  
may be mistaken as I find  
experiments are not always  
successful

Respectfully Yours

A. S. N. Y.

P.S. Mr. Dow told me  
the Platinum was found  
in Oregon & California

A. S. N. Y.

What will you take for 2500  
circumfer from Lane City paper and  
sample  
T. H. C.

OFFICE OF THE

*file* Brooklyn Consolidated Mining Company.

218 PINE ST.  
ROOMS 13 AND 14.

San Francisco, July 31<sup>st</sup> 1879

J. A. Edison Esq.

Menlo Park N. J.  
New Jersey

your letter  
from of vs showing, R. H. Ross, Comptroller  
of the Oregon is the name of a gentleman  
that I have corresponded with in relation  
to Platinia. I think it is doubtful whether  
it would pay to buy Platinia for 7<sup>th</sup> or 8<sup>th</sup> per oz  
but Mr Ross can give you full particulars  
on that point should other names occur  
to me from whom you can get information  
I will forward them.

Truly yours  
J. H. Huxsey

Calpella, Cal. July 31<sup>st</sup> 19.

J. A. Edison Esq.

Dear Sir!

I shipped you the Sand etc in a great haste, as the Stage came along. I washed down some more than other, and put the whole together dit no more the sand, and I am now of the opinion that I did not wash the Sand down as you wanted it.

I never did such work and dit not know any better. than having no Water, had great difficulty to do it at all.

Now should you think favourable of the Matter, and intend likly to take an interest and your man, would not get here on or before the 20<sup>th</sup> of Aug.

and as it takes a letter 10 to 11 days  
and you should think it of importance  
enough, you had this letter telegraphed  
to me before the 20. to Uthial Cal.  
only say in Dispatch get it if possible  
but let one of your men sign  
the Dispatch. I may be able to  
to make some arrangements with  
the parties to get the whole done  
sooner.

There is plenty of ground  
all is wanted I think is to consider  
the Debt & some planning, and money  
will be taken out from the beginning.

Any Business I can  
attend to for you will ever be ready  
to do so.

I am very Respectfully  
Yours  
P. R. Klein

Carroll Cal  
July 25, 1844  
P. R. Klein  
Care of Wash. D. C.

Georgetown Utah

July 31. 1879.

Dear Sir

Yours of the 23<sup>d</sup> received.

I am today sick (with biliousness) & not much disposed to write. A little later in the year I would like to go to the place to aid in getting it out.

The place is "Red River" (a small tributary of the Trinity River) located about 40 miles east of Humboldt Bay & about 20 miles from the town of Marysville Trinity County, Cal. The mineral is coarse, most of it weighing from  $\frac{1}{4}$  to  $\frac{1}{2}$  ounce & Dr. Campbell assumes me he had found much larger pieces.

The party to whom I sent the 66 assays me it was the finest he ever saw. The gold in the same stream carried by perch Indians.

Respectfully  
E. D. Coleman

Lewisville July 21 '74  
C. C. Corman  
Wilmington, N. C.

What can we do about it? how  
can we get it. In 3  
weeks you now start 2 men  
from the flat prospect  
If you cant do anything we may  
go post that locality & if we  
do go there & find it mine  
will pay you 10 per cent for all  
found there - or will make any  
other equitable argment where  
want is to get it

The Garbrough.

Dr. G. W. BARNSDALE,  
Prophet.

Write Hedden says want 500  
lbs of Zincs as good as he saw  
here at 50 c per lb 7 to average  
so we can get what we want - true of the  
arrangement that we have worked out  
at Raleigh, N. C. July 3<sup>rd</sup> 1899.  
We can also <sup>possibly</sup> ~~possibly~~ have Zincs  
sent at once if we are using ours up  
today.

My dear Sir:-

I reached here yesterday noon and  
had the good fortune to find Prof. Kerr (State  
Geologist) at home. He gave me all the time  
he could spare yesterday and today I have had a  
good long talk with him. With his help I have  
laid out a map of all the placer diggings & the  
roads leading to them, in western N. C. He has  
been, as I supposed he would be, the most useful  
man I could meet in N. C. From him I have  
received letters to people right in the localities  
I am going to visit and here in Raleigh have  
been introduced to many parties interested in  
N. C. mining and also to my former of note from  
the State Treasurer, down.

This afternoon I <sup>staid</sup> ~~staid~~ with Gen. Noke, for the  
locality where Platinum was once found by Prof.  
South (?) He (Gen. N.) owns the property. It is the same  
place that Prof. Cole of Charlotte wrote to you about.  
Brown Mt., Burke Co. N. C. We will be gone 2 or 3



13  
days. The Mt. is about 200 <sup>miles</sup> west of here.

I think I shall stay in and about Morgantown for the next 2 weeks.

All the localities where Platinum has been found, (and it has undoubtedly been found here) are within a short radius of Morgantown; Burke Co.

Heard today that 1500 lbs. of specimens had been taken out of the Henderson Cr. loc. & they are as plentiful as ever. This lot was sent to France some years since. I feel sure I can get all you can use for - well say - perhaps 50<sup>00</sup> per pound. Perhaps a ton could be taken out for \$750. Write to me how many I shall send you and how much (in lbs) you can use?

Do you wish me to send you samples of all the washings, whether containing Platinum or not, or only of gravels supposed to contain Platinum or otherwise interesting?

A letter from you, certifying I was in the employ of Mr. T. A. Edison, would be of great use to me here in N. C. It would admit me to some localities where without it I might be denied permission to work.

My expenses in N. C. will not be less than \$2.50 per day, including horse & guide, for the next

month, that is what Prof. Kell thinks about it.  
But I will try to make it as much less as I can,  
possibly. I think my expenses while in the  
Dahlonega (Ga.) Gold Belt, will be somewhat less.  
Address me at Morganton, N.C. until  
further notice.

Yesterday Prof. Kell. insisted upon <sup>my</sup> sending  
you some specimens of Gold Ingot from Brindleton  
N.C. I had not my Microscope at hand & then  
they did not look very promising so I obeyed him &  
sent them to you just as I received them from him.  
Lot No. 4 contains Monazite (the yellow mineral) in an  
unusually large proportion. It contains Thorium &  
other rare earths. I shall try to get several pounds  
of this rare mineral & send to you, very soon. I  
believe that outside of N.C. there is not one pound  
in all the Chemical Cat. of the World, put together.  
Somerskite can be bought here for about 25¢ per lb.  
in quantity. You will need it soon.

I shall probably not write again, until I return  
to Morganton from the Brown Mt. trip, say Aug 5<sup>th</sup>  
at latest. I will be in Morganton tomorrow noon  
& leave there at once with Gen. Nokes, so as to put in  
half a day's <sup>work</sup> ~~that~~ <sup>work</sup> ~~that~~ some day on the Mt.

Yours Most Respectfully  
W. C. C. Hadden

Wm. H. H. & Co., Cal.  
July 21<sup>st</sup> 1899  
Mr. T. C. Edie  
New York, N. Y.

Dear Sir:  
I send you in this mail  
1 box of Black Sand taken from the  
beach at Gold Bluff where considerable  
winning is done & where any quantity  
of this same sand can be had, the surf  
throws this sand from the ocean up on the  
beach and when it is then packed away  
in suitable bags hung across a mules  
back, and when sufficient quantity have  
in this way been secured it is then  
put through sluices containing amalgamated  
plate for saving the Gold which is very fine  
and by additional machinery this  
same sand can very easily be saved  
provided you think it has the required  
virtue in it.

Respectfully,  
Wm. H. H. & Co.

Arctic Camp July 29  
Chas Smith  
and Aug 21 29

"If you can get miners  
to work I will pay \$3  
per 30 days for 10¢  
on each 100"

Spring Place  
Murray Co Ga  
no date

Wm. L. Wilton  
Ans. July 30 '94

Tin

Spring Place, <sup>no date</sup>  
Hemway County,  
Georgia.

Mr. Edison,  
Hewlett Park, N. J.,  
My Dear Sir:

I must beg that you  
will pardon me for the liberty I  
am taking in addressing you.  
The following I trust will prove  
my ~~own~~ <sup>own</sup> case, by the papers.

I see that you need Platinum.  
I am the owner of a number  
of Pt. mineral properties, and I  
think I have Platinum. I  
send you a sample in this  
of what I think is that metal.  
I have Copper, Lead, Black Lax,  
Pacalan Clay, Conundum, Soap Stone,  
& a number of other Pt. minerals, all unworked  
open, for the want of Capital, &  
I can serve you in any way

I shall be glad to do so, since  
if you can aid me in getting  
Evidence to develop these Mineral  
properties, I shall be very grateful  
to you. I can send samples  
of all my Minerals if you  
want it. I have a splendid  
article of double stone, a fine  
white, very hard & firm  
which you may find use  
ful. No fire can phase it,  
I also have asbestos.

Hoping you will pardon  
me for intruding on you  
I am

Very Truly Yours,  
Wm. C. Linton.

If sample enclosed is not Platinum,  
Please advise what it is, and also send  
me a sample of crude Platinum, as  
I am almost sure I have it,  
altho' I am not acquainted with the  
crude metal.

If this sample is Platinum, I  
have millions of tons of it, &  
am willing to make any  
equitable arrangement for  
its development.

Very Truly  
W. C. L.

that if you will <sup>continue</sup> send me  
a quantity you are a  
Millionaire and so on of  
the or I will make an assay  
& if all right will place you  
in touch with P.D.S. of  
the mine

D-79-028 Mining - Platinum Search

CONTINUED ON NEXT REEL

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# Thomas A Edison Papers

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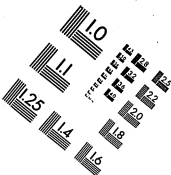
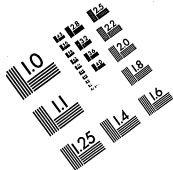
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